

cctccaggtt	tnaaaaaaat	nggncncctt	tnttggnaaa	aaagtttccc	ttgggnggggt	840
tttaaaggga	aaaanaanaa	aangnnaaaa	aaaaacttcg	agnccctttt	naaacctttt	900
ngtggaggtc	cggatttacc	gtagantcc	cc			932

<210> 3703

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3703

cnaatngcta	ggctactngt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgagc	60
actcttttat	attagggact	tgagcatctg	gagagtgtgg	tatctgaggg	agttcctgga	120
actaatgtgc	agatgccaa	ggacaactgt	actattgtac	ttggaagtac	tcatgggggtc	180
atatttcatt	gtttctttga	gtcctaattc	tgccaacatg	gcctgggtgt	tgcattaatc	240
agctttctaa	tctctgagta	acaaggcaca	gtaacaagga	gcagtaacaa	ggcacagggc	300
tgccacctga	gagtggaggt	acccaggagg	cagacaccat	aaggcgggaa	atggacatat	360
gtacagaatc	atggctgcat	gtcctgaanc	ctggcttaag	ccatcaacgg	ctgctgggca	420
agggccaaag	ccctgttatc	cctttcgccc	ttncctgatg	ctctgtctct	gccttcactg	480
ggtgtgggca	agccnnaccc	acccnaggct	nnagcccttt	acccacagtg	ttannaaatg	540
caancttcaa	taggattgtt	cttnaggccc	ttccccanaa	anccnggatt	ttgacagggg	600
gcnatgantt	cannnnccng	cttttaatgg	attggcctat	cggtttttaa	aataatgacc	660
aatnggggcn	ttgngcctgg	ccnanaancn	ntnancatc	nattttcctg	ccaatttttg	720
ggtcnaaatn	ccngcngntt	ttncnctngn	nnngtttnaa	tgaactgnaa	naaaatnnnt	780
ttgnttgng						789

<210> 3704

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 3704

ttcnaatgct	tggtactcgt	ntctttctgc	aggnatccca	tcgattcgtt	caaactctgcc	60
actcccagag	cccgtggaac	tctggcccaa	ggctctctga	ctgactcctt	cttggttag	120
cggctgaaga	ctgacactgc	ccgatcgcnt	nagaaacacc	gtaaaccatc	acggangccg	180
agctntactt	anctttcana	gtggaggaan	gcnggaatgt	nangcctctn	aaccaagcc	240
aagccatcac	attccctgng	acttgnacgt	atgcacgtnt	gcncctaaat	ggcctgaant	300
tactgaataa	tnacananga	ngtgaaaagg	ccctgtcccg	ccttaactga	tgacntttcc	360
accattggga	tttgttcctg	ccccacctta	acngagngan	ttaccctgtg	aatttncttc	420
tcctgggtca	naanctcccc	cactgatcag	cttgggancc	ccgttcntnn	caccatanaa	480
caaacccccct	ttgactgaaa	ttttcccat	accttcccan	atcctataaa	angggcccca	540
nccttatntc	ccttcgctga	ctcttttcng	ncttnnggcc	catctgnccc	tggcgaaata	600
aacanccatg	tagttcacat	aanaanatcn	tttaaaaaac	cttnganccc	tttttnaant	660
atantggagg	cccnttttan	gggaaattcc	cgnanttttg	ataangatac	catntgtann	720
antnttgggc	caanaccnc	aaactntgaa	atgnccattt	gaanaaaaaa	aangccttnt	780
antttttggn	cnnaaaattg	ngngg				805

ggtaaaaaag gtttnnaagt ttcccaaatt ccatttttgg nggccttaat ggggtttttt 900
taaaaaatttt tccttnaaaa gccnnccctt ttggt 935

<210> 3701
<211> 977
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(977)
<223> n = A,T,C or G

<400> 3701
atnccancta cttgntcttt ntgcaggatc ccacgatcc gaattcggca cgaggtttta 60
agtattctca tccgtcaact gggattggta atagtacagg gctgtagga tgattgcatg 120
agatgaaata cathtagcac ttggtaagca ctctataaat atggcaatat gatagtcctt 180
gactcatctt cctctctgnt gccctttaaa caggtagaca cctagccttg ttggttttat 240
gtgctcaaca gcagttggac ttccctggg ctcctctacc catgctactg cgtagtcaan 300
ccctccataa anctnctctc tggmctctgg ttcccanatg gnctttggcc ttcccttttt 360
ccttcccanc ttaacgtttt taaccatgcc ccngggaatn ttttttgaaa angggaaact 420
gganccttng gtncccccngg ctttaaaaaa ccnccaata aattntttac ccncattagn 480
agggntntaa aaaancctaa cttttttggg gnggnantac ctgggacttt ttctttccga 540
actttttcct ggcccttcaa actttttcaa cctctttcc ccggtncatt ggggatccct 600
attaccgggg aggaacatta cccaaaaatt ncctttaaaa tttcttncc aaaacattgg 660
aanccttttt tcccgggctt tctttttcaa taatggtanc aatggttccc aaaaggccaa 720
attnnattct tggncctttg gaaacctttt tggggaaacc aagaacttca actttccatn 780
gggccccagt ttttttncca attcaaggga aggttttttg ggcttggtaa aagggnatcc 840
ccaacaantt ggccaaggga aaaaaaaaaa agcccacct tgggggacct naaacctggg 900
gtngggggaa naaacacctg gggggtncct cttnggggtt tncctggggg nccttnccca 960
accttaagnc cccacna 977

<210> 3702
<211> 932
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(932)
<223> n = A,T,C or G

<400> 3702
naatcccagc tacttgttct ttttgcagga tcctctggtc ggaccctcat gccccgcttc 60
tgctccagcc tttcttactc attaggctct agtctcactt cttatttttt aaattgtgag 120
taattttcat gcttggtagt tgatttcttt tccatctctg natgcatact tcctgcacct 180
agtaggcact tgattttttt ttctttgaat acacagcaga tgccatgtna actcattagt 240
acttgccctc aaacactgaa ttcttacctg ngttaaatgc ntgaatcntt taaacttttt 300
aagtttacct agaaagtgt taaagnggga actaatcnnt tntgantggn nataccnccc 360
nngntttgaa aactaccttt gancnttttt ttctttttta atnaagctct taaaaccggt 420
taancagccc cccgnggata nnaaagaanc ttttaagctg gggggaacnc cttcattttc 480
ccnggaaaaa aaacngnncc aagggtcttg ggaaaaaat gccnctaagg gattgttttc 540
cagccnttcc agaaattttt gggccnaacc tggangaagc ttcaaaattc caaggaaatt 600
ntggtaaang gggnttttta tgaggccaaa ttaaatnggg ncctttagna anccccnttt 660
aggaccaatt ttaaatnggt ttgnaaaagg cccagccttn ggtnaacctg ggnccccctt 720
ggctttngct tttttngggn ccattcnttn atacctgggc naaaatttaa ggnaaattta 780

agctttctnt	taanaaagan	cnaagacccc	aagtttctga	atcaccttta	ggaccatcag	660
caacttcatg	ggttncggc	cccaagtcgc	aactggaaca	ncgagacacc	ttggggataa	720
gaancttgga	tttnaacaca	nnttgcttgc	cttgggcatg	aaaa		764

<210> 3699
 <211> 867
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(867)
 <223> n = A,T,C or G

<400> 3699						
ttcctaattgc	tnggctactc	gntctttntg	caggatccnt	cgattcgaat	tcggcacgag	60
aatgaagggt	ggggagaaaa	gaaagcaatt	taggagactc	tatagggagg	aaaggatgag	120
atgcatttca	gaaacaaaat	attaacgtaa	acagaaaaaa	gagaaagcaa	tcatgacaaa	180
gcctaaggag	gctagtggaa	tgctagaatg	aactcattta	ccttcctttg	atattttangg	240
gctctatttg	ctgctaattt	catcactgnt	atTTTTctta	cctcttatct	ttttccctgt	300
agttattatc	agcctaatat	tcattcattc	attcattttac	cttgagtttt	taagcttgtg	360
cnnaaaccaa	caaggttggg	gcccnagttt	ncnagaatgn	ngttnccona	cnttggnaag	420
taaacntggg	ttangggaaa	aaangtnncc	ancttggccc	tttttaaaga	caccaangtt	480
ttaccncat	tccatggggt	tcaatgggga	aggaaaaacn	aaaggggant	ttattttgna	540
aaaaactgtt	gccaagattc	ccgaaagggg	agccccctng	aaagctttta	aacctnccaa	600
nnaanccttn	cnagaccctt	ttggcctttt	aaatnccctt	tttaaaaagg	ccccccantn	660
aggggaaaaa	ttcccagant	gaatgggggt	accnggtcct	gacctttang	gaacatgtan	720
gcttgncttg	cccnatgttc	ccncaacatt	nggtccctt	ttacaatgnc	cttantacat	780
taatngngg	gccccctcatt	ttnaaatttt	aaaaaatttc	attttancct	tttaaaaaat	840
tcnttttngc	ccaagaaaaat	gttttct				867

<210> 3700
 <211> 935
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(935)
 <223> n = A,T,C or G

<400> 3700						
tnentatnct	ttgaantcct	ttttgcggt	ccctcgattc	gcttttttta	gtgatcactt	60
ttgaattgtg	ttcagatatg	cagtttcagg	tgtnatcatc	agagctggtt	agtcaggcat	120
tccagatagt	ggttcttttc	agaacctttt	taaaagggtt	gggttaacta	cctcagtagc	180
agaggattga	actataccct	gtctgtactg	tacatagaaa	atctttgtag	ataaaaagcaa	240
ggcttggttaa	atatgatatg	agggttaagt	tttaataatac	caaagtgaac	attcttagtt	300
gccttttagtt	tcanaaggctt	gtaagacttc	ctcatgaccn	tnattacagg	ccttgctttt	360
ggccgnattt	tggggctgaa	aaagcaccct	tgcttcttca	ganattgnag	ntatttggat	420
gtataatagt	ttanccagat	ggtacttttg	gtaagacatc	agatgttcaa	aaaagtgcac	480
tccaacttgt	ctaaatactg	cagtgtcccc	tttataaaaa	ggtcagacct	aaaactggcc	540
aatttgntac	anccggaanc	cctggncatt	ttgggatatt	tttggaagg	tttttttcca	600
ttaaaattca	tttgggaaaa	tttaggtaat	tattngggct	tggtaaaagg	tttaaacctt	660
tttttttaag	gggtnaaaaa	angggatttn	ggttttccaa	ttttaagtng	gccattttcc	720
ttttcccttg	gcttgggnat	tccacctggg	tnaaaaacca	ttggttgga	aaatccnaag	780
ccttttttnc	caaattttcc	ctttaatggc	ccanggggtc	caattggaat	naaacctttg	840

cgtagaatcc ngnacntgga taaggatccc ttggatgnag ttttggacaa aaccccaact 840
 tggaaatgcc nttgaaaaaa aatgcttttn tttnt 876

<210> 3697
 <211> 1151
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1151)
 <223> n = A,T,C or G

<400> 3697
 ttctaaatac taggctatng ttctttntgc aggatccntc nattcgcgcc gcaagctgct 60
 gaatgccttg ggactagctg gtgattacct cgcccagggc ctgaactcac cctggccagg 120
 tccanacctt tctgctgtgg ggagcaaggg ccctggctcg ctactggctg ctggctctgc 180
 tncctggctt ggtcttgccc ttgctgggcn gatcctgtgg ggctgaanct tgtcatttta 240
 cttggccgnt ttcttgccc tgatgaagtn ngtgccccga aaccttttta ncccgggccc 300
 tggttaattc tggncctttg gttgaatcct cttaananca ctgcttatan cccngnttta 360
 aannggnttt nccaaaaacct ctttnggggg tnnaaaaatt ttataggcca aaatgnntnn 420
 caaanggctt tttnaaacnc ccnctttggt aanggaaacn tttagnctt nngnccccnt 480
 aaangnccaa antcggnncc anaaaggggg ggccccncca aaaanttggn aatgnaaagn 540
 aaanttaaaa ccccgatntn gcncccaaaa aaaaaccggn ccaatnngtt tcattaaccc 600
 nnaaaaaaaaa acntttaaaa cctgngnttt tntnngnggc cccaattttc taaaaacctt 660
 tntcctttgc ccaaaaaacnc ccccttggg gnccttntt tttnaathtt ggncctctt 720
 ggggncttnt ttttngaaaa aacctttttt aaagnaaaaa caaatttttg gaatnncctn 780
 ttttgcccn gnnanaaaant ccccccaan anttttttagg ncccccaagg naagggnaaa 840
 aaaccnctc cgggaaaaaa gggnaacccc caanttttnc cccccctn tgggccttg 900
 ggttanccn tttttgccg ggggncccc ttggggnnnn ttttttnt aaanggggt 960
 ttccttctt gggncctcn ggggggggt tttnngggct nttntntt tttaaaaacc 1020
 ccccttttn atnntntgg ngtttctnnc aaaaacctt ggggccctt aaaccaagg 1080
 gggaaaaagg tttttgaaa aaggggggcc ctatcnctt ttnngggct tntttgggna 1140
 aaanatgggc g 1151

<210> 3698
 <211> 764
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 3698
 atacagctct tgttcttttt gcggatccct cgattcgtgg aacaggagag tcgcatggag 60
 gtactgtttg cctgtgctga ggccctgcat gcgcatggct atagcagtga ggcctcccgt 120
 ctactgtgg agcttgccca ggatctgcta gccaacccac ccgacctcaa ggtagagccc 180
 gccctgcca agggcaagaa gaacaaggta tccacgagcc cgtcagacct ggtggctac 240
 caacacctg agcaaggcgg ccttcctgtt gacagtgcta antgagcgtt cagagcacca 300
 caacctggcc ttccgagttg gcatgtttgc ctggagctn canangcctt cancttntac 360
 aaggnttg aagtgaaact tgcattccan gaatctgaag tggctgncct gctcaaagaa 420
 gatccctctg ggtccaaatg agatgagtag catgccgtgc cgggcanang aacttcggga 480
 ggggacactt ctgtgactat cggctgtgtt gnctctcatg ctggccagtt catctttgac 540
 gtctctgtgc tccaagtatg atgcctgacc ctacagtaag tggggaactg gggtanggg 600

gcctaaccat	gggtccccact	tctgtcattc	acacaagttt	taagtgggtc	ttgccaccan	660
aaatcctctt	ttgctanggt	actccggaat	tgttccctg	nggctttnat	cttaaatact	720
taaccatggg	annaagactt	tcaagaagan	tcaatcttta	attccttccc	tcaattggct	780
aaaatttttc	ttaaaaaaa					799

<210> 3695
 <211> 876
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(876)
 <223> n = A,T,C or G

<400> 3695						
gnnnnnnnnn	tttnnaactt	nctaatacng	gctactngtt	ctttttgcag	gatccctcga	60
ttcgaattcg	gcacgaggca	gtgactgcct	tcggcttttt	ttctgctgac	taagatctcc	120
tatagagagc	tacaacaatg	cccaaaagaa	aggctgcagg	tcaagggtgat	atgaggcagg	180
agccaaagag	aagatctgcc	aggttgtctg	ctatgcttgt	gccagttaca	ccagaagtga	240
agcctaaaag	aacatcaagt	tcaaggaaaa	tgaagacaaa	aagtgatatg	atggaagaaa	300
acatagatac	aagtgcccaa	gcagttgctg	aaaccaagca	agaagcagtt	gttgaagaag	360
actacaatga	aaatgctaaa	aatggagaag	ccaaaattac	agaggcacca	gcttctgaaa	420
aagaaattgt	ggaagtaaaa	gaagaaaata	ttgaagatgc	cacagaaaag	ggaggagaaa	480
agaaagaagc	agtggcagca	gaagtaaaaa	atgaagaaga	agatcagaaa	gaagatgaag	540
aagatcaaaa	cgaagagaaa	ggggaagctg	gaaaagaaga	caaagatgaa	aaaggggaag	600
aagatggaaa	agaggataaa	aatggaaatg	agaaaggaga	agatgcaaaa	gagaaagaag	660
atggaaaaaa	aggtgaagac	ggaaaaggaa	atggagaaga	tgggaaaaan	nnaaaaanan	720
nnnnnnnnnn	nnnnnnnnna	aaaaaaagcc	tnttagaact	tttaggggag	tccgtatttc	780
cgtagaatcc	ngnacntgga	taaggatccc	ttggatgnag	ttttggacaa	aaccccaact	840
tggaaatgcc	nttgaaaaaa	aatgcttttn	ttttnt			876

<210> 3696
 <211> 876
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(876)
 <223> n = A,T,C or G

<400> 3696						
gnnnnnnnnn	tttnnaactt	nctaatacng	gctactngtt	ctttttgcag	gatccctcga	60
ttcgaattcg	gcacgaggca	gtgactgcct	tcggcttttt	ttctgctgac	taagatctcc	120
tatagagagc	tacaacaatg	cccaaaagaa	aggctgcagg	tcaagggtgat	atgaggcagg	180
agccaaagag	aagatctgcc	aggttgtctg	ctatgcttgt	gccagttaca	ccagaagtga	240
agcctaaaag	aacatcaagt	tcaaggaaaa	tgaagacaaa	aagtgatatg	atggaagaaa	300
acatagatac	aagtgcccaa	gcagttgctg	aaaccaagca	agaagcagtt	gttgaagaag	360
actacaatga	aaatgctaaa	aatggagaag	ccaaaattac	agaggcacca	gcttctgaaa	420
aagaaattgt	ggaagtaaaa	gaagaaaata	ttgaagatgc	cacagaaaag	ggaggagaaa	480
agaaagaagc	agtggcagca	gaagtaaaaa	atgaagaaga	agatcagaaa	gaagatgaag	540
aagatcaaaa	cgaagagaaa	ggggaagctg	gaaaagaaga	caaagatgaa	aaaggggaag	600
aagatggaaa	agaggataaa	aatggaaatg	agaaaggaga	agatgcaaaa	gagaaagaag	660
atggaaaaaa	aggtgaagac	ggaaaaggaa	atggagaaga	tgggaaaaan	nnaaaaanan	720
nnnnnnnnnn	nnnnnnnnna	aaaaaaagcc	tnttagaact	tttaggggag	tccgtatttc	780

tgacagttac	tagagggtta	gtaacttate	tttaaaaggg	ccaggtagta	aatatatttag	360
gctttgtggc	caaaagtctc	taccacacct	actcaactct	gtcacgctag	cacaaaacag	420
ccacacacaa	aaaccaaatt	gggcagctga	aaaaaaaaaa	ataataatta	cttaatgaan	480
aaanaaanna	nacnanttga	nnnttcctnn	tttttnatnc	natnatcccc	tcntgtnatn	540
natccnttna	tgtagcttgt	gacaagnncn	ntncttnaaa	ncatcnnnat	aaaaannncn	600
nctnntttnt	tnaaaaacct	tnnatcctct	tncanttntt	tggngganat	ntttnaneng	660
tntaaaanna	nttttttcaa	aaannnattt	tnaanaanta	taagtcccng	tttttttngn	720
tttcgggnnn	ngggttttta	annngggncn	tnngtcccaa	nnctttgggn	nccnaaccnn	780
tttnn						785

<210> 3693

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 3693

aaatncnagc	tactcgttct	tttggaaggc	cnncatcgat	tcgaattcgg	cacgagattt	60
tcacccgagg	cattgtctaa	tgatgtccca	ctgcgaagga	taaagatgta	gtttttctttg	120
actctgccac	ctcccactac	tcagctcact	catacttcct	gccatctttc	atcttcccaa	180
taagtataac	attatggnta	cattagtatc	agggtttaca	ttattatgac	catgtaaagt	240
ctattttctaa	ctgagccatg	tagtatactc	tgatnacttt	nnctttcttg	cncaactttg	300
nctntnctat	ggatngctac	ttatccatat	tgcttatntg	ctaagctttc	tgtatactta	360
tcattgncta	tgnntntgat	ctccaaattn	tcctncaggt	gcctgaattt	cctctnggna	420
tgtccagacc	tatctaaatn	ttatantaat	ttaaccttct	tggtagacac	catnctgnag	480
nctttgttca	cgacaatgct	gtcatgctga	gattaactgt	catcattatg	ggtatcnact	540
ttgcctacat	ctgngtctnn	ttnggatctc	tnnnttgtea	gaccccttnc	tttcaactnc	600
ttggngctga	ctnaaattng	gtggagcaca	tgcaaatanta	ngntcctgag	gtatgggtgaa	660
tgggagcgac	atnaattgag	ctngncanac	tgaaaatggt	ttacaggagn	ggcaaaccat	720
gacccataga	tgaatgtac	ctggnacctg	gtt			753

<210> 3694

<211> 799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(799)

<223> n = A,T,C or G

<400> 3694

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ctgcagtgcg	tttgtgggga	ctggcgctct	gctgattatg	ttcagctctca	acctgcacat	180
gaggatcccc	cagatcaact	ggaatctgac	agattttggtc	aacactggac	tcagcgcttt	240
cctttttctt	attgcttcaa	tcgtactggc	tgcttttaaac	catagagccc	ggagcagaaa	300
ttgctgccc	tgatatttgg	cttcttggcg	actgcggcat	atgcagtga	cacatttctg	360
gcagtgcaga	aatggagagt	caanccgtcc	gccancanaa	gcaccaatga	ctacattcga	420
gcccgcacgg	agtccangga	tgtggacaag	tccgcctgag	atncancgcc	tggacacgct	480
ttttctggta	angaccgctg	ggattgaaca	gaacttccgg	taaataangg	ccccgtcggc	540
aagacagcat	actgctgtca	caaagtgcna	acacctggaa	aagaaagaca	agtgtcactg	600

agcttgtggg	nnagacnanc	aanggtgcat	gangaanaaa	acnnaattca	ntaagccngn	120
naggnacagc	ccatagtctn	ctcgattngt	acaatcaagg	cggacatttn	ctggntatgt	180
ggannagagg	ttaattggcn	gnctatgant	ggnnnagcct	aaanttgnng	ntacntgnat	240
nnnnnatnt	gcnnanaaan	gcatnngant	tanagntncc	aaaagntntg	aaccnaagga	300
ctanagnaac	anacnnntna	tngectggtn	ntcagtnata	ncnacaccnc	acaggggacn	360
ngatnttnc	cngnanttnt	nacaggtctc	nnnancgtgg	actcaagnen	ncccatcatg	420
caatnncttc	anannaactt	gtgacttgca	ntnnnatact	ananccttnn	tcccttntta	480
cattcctcaa	atgcncact	ccncttttct	taattccnat	tatnnactnn	ntnnncnngc	540
ttattggnc	actnntanca	tncnggnann	nccaactaan	cnmattntnn	gannttgata	600
ttggngcctt	aacnaacana	ncgtnnntat	cgctnngtca	ccantctcac	tcattnatca	660
annacnnng	cnnnantnat	tctcnatcna	nnnnantttt	gctanantnn	nctttcccn	720
cnttnanttn	ctannaaacc	ccctntcnnn	ggcnccaatn	gnnaantngn	acccnnncnn	780
tctnnanggg	ntnactnggc	cncatacctc	ctgngcaanc	tntnaannng	canactnctn	840
ntcncct						847

<210> 3691

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (775)

<223> n = A,T,C or G

<400> 3691

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gacacacagt	cctcctctgc	aggcaacagt	caggcttcta	cttgctgaag	ccgtcaaggg	180
cttgactgtc	acactcagt	ttctggaaaa	caaatacagta	aagcaattta	gaggatcttt	240
tgcaaatcag	agaaaaagaa	tcaatacaag	gcgaaagaat	tctgatcagc	actttaaaac	300
gtgcttatca	gaaacttttc	ttctctcttt	taagctttgg	ttctaactga	gaaatgcact	360
ggataatagg	taaccctccc	cagaagaaca	tggacttcat	catttcacca	gattcacttg	420
ttccctttta	ggcccagcca	ataaaaagtat	atgggtatctt	caagctctga	tttccctaata	480
tcagagataa	aaagccatgg	gaacgcagag	acttggtgaa	tttgtaaaaa	tccaaaaaga	540
aaggccagtc	atgacggctc	acgcctgtaa	tcccggcact	ttgggagggc	aaggcagaag	600
gatcacttga	gcccaggaat	tttgagacca	gcttgagcaa	catggtgaaa	ccccatcttt	660
tacaaaaaag	ataaattatc	tggacatggt	ggtgcnagcc	tgtantncca	gcaacttggg	720
aagggtgangt	aggaggatca	cttgagcctg	ggangtgga	ggtcccgggtg	agccc	775

<210> 3692

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (785)

<223> n = A,T,C or G

<400> 3692

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ctagcagtgc	gcaagacctc	ccgcgagaca	ggtgttgttt	ttaatgccca	tctcacagat	180
gaggaaaaga	tctcaaagta	ccttgattat	ttacccaaag	ttcccgaacc	aggcctttta	240
aactttttat	gcatgcaccg	cctcttgacc	acatcagaca	atcaccacaa	aacgatgggc	300

<400> 3688

tnctaagtct	gggcttgntg	gcttgccgca	gganccctcg	attcgaattc	ggcacgagat	60
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gacagtagaa	ctgaaaaaga	aagtaggtca	atctagaatt	ctatacccaa	cacaaatatic	180
cttcaaaaat	gaaggtgaaa	taaacacttt	ttgatggaca	aactgaagtt	gagagaattc	240
gtaaccagca	gacctgtagt	acaaaaaatg	ttgaggcaag	tttttttaggc	agaagaaaaa	300
tgatactaga	tagaaatttg	ggctgcacaa	aggagtgaag	aggcttccaa	atggtaaatt	360
atatggaaac	atatgaaagt	tatcttttct	catttttaat	ctctttgaga	aactgcttaa	420
agcaaaaata	taaacaaggt	actttggagt	ttagaacata	catagaagca	aaatgtatga	480
caaaaaatac	taaagtttagc	caggagtagt	ggtgtgtgcc	tgtagtccca	gctgtttgtg	540
aggctgagat	gggaggatca	tttgagcgag	cctgagaggt	cgaagctgca	gtgagctgtg	600
atggtgtcac	tcactccagc	ctgggcgaca	gagtgaagcc	ttgtcttgaa	aaaaaaaaaa	660
aaaaaaactc	ggcctctana	ctatagttag	tcgtattacg	tagatccaga	catgataaga	720
tcattgatga	gtttggacaa	accactgga	atgcagtga	aaaatgc		767

<210> 3689

<211> 986

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(986)

<223> n = A,T,C or G

<400> 3689

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cagnntgnaa	tatgtgaaat	tnnggentta	ncnctctttt	ggcnntataa	aaatctnnna	180
ttaaaaaaca	tgncattnga	attgaacatg	tgentaaccn	ctgaantatn	tctganaaac	240
cctaggtnc	gtggcatatg	ngatgaatnc	cannagacna	tnnaaccnca	tnntacatan	300
nntcacngcn	tatnnaacat	caannatgct	tgngnaaagg	gntannantn	cncaacgact	360
nttgtttng	agcanctntc	ttngntagac	cttntnaccn	ncnanggn	ctcttaacnn	420
gntgatnntt	nactcatntc	tcnctttctt	tcctattctn	nnmntccaaa	gtttccncnc	480
nnaagnnann	atgaatnant	ngtgnnccnc	caccctnatn	attntanata	nnccgnattg	540
aaatntaata	canntccnc	tnnccctnan	nnaatnccat	nncatctnan	taaaantata	600
ncantnnent	tnctnaccnc	nnaaagattc	aaantteget	ncccttnttn	ncnatatact	660
ctnnatannn	atancccgaa	attntcancn	ttctantnnt	nacntancaa	aactcncat	720
agnaccctca	catnccctng	acacnatnat	nnccaanaac	ctntaatcgg	annnnacntn	780
tctgaatnnc	tcncaactct	nttataccnt	ntnntcattn	taactctatc	atctngnant	840
angnccatct	ccctcanatc	taaacanntt	ntngcnctcn	nttagngggag	antgtctctn	900
tacgnctnan	aanggcttct	cngatcntcn	naatactcnt	atagagacta	tacnctcatn	960
attgctcaca	ntatctacaa	cacnng				986

<210> 3690

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(847)

<223> n = A,T,C or G

<400> 3690

cnnattanng	tagctggatg	ctggcctaaa	nanaaggctg	nggcnaattc	ggcacgaggn	60
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<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 3686
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 gtctataggt gtgtctttct tatagcaatc ctgcactcac ataaaaactg tattttcaat 180
 ataagatcaa aatgtatttc acaaaaaatg catctttata tttgtttaca tttctcctga 240
 ctgaatgggtg ccatgtacag tctgtgtaag ttatagaaaa cgtttgccaa ctcgtagtct 300
 accattttgt tatttggttt ctatttggtt cgtctgttct ttactgcttt gttttccctt 360
 tcctgccttc ttctggatta attgagtatt ttggtaatcc tttttaatct cctcttttgg 420
 atttttttagc tatactttacc tgtttttggt tttgtttttt aaggcggttg taggaaataa 480
 tgtatgcac cttaccttat taaagtctat ttgaaatac tgttacactg cttcatgtaa 540
 cttacaatat gaacctcaca acagtatagt tcattttccc atcccagtat attttacttc 600
 tttgttataa accccatctc tactaaaaat acaaaaaatta actgggtgcc agtgggtgcgc 660
 atgctgttag tcccactacn ttgggangct gangcaggag aattgcttga accctgngag 720
 gcnnangttg cagtgaagtcn agacgcncca ctgcactcca ccc 763

<210> 3687
 <211> 829
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(829)
 <223> n = A,T,C or G

<400> 3687
 gentattant gtgncttatt antgtggcct aaananatag gctggggcga attcggnacg 60
 agcttaacat aacctatgag agtggacagg tgtatgtaaa tgacttacct gtaaataagt 120
 gtgtaaccgg aataagctgt cagactttga tagtgaagaa tgaaaatctt gaaaatttgg 180
 aggaaaaaga atatttttga attgtcagtg taaggatttt agttcatgag tggcctatga 240
 catctgggtc cagtttgcaa ctaattgtca ttcaagaaga ggtagtagag attgatggaa 300
 aacaagttca gcaaaaggat gtcactgaaa ttgatattnt agttaagaac cggggagtag 360
 tcagacattc aaactatacc ctccctttgg aagaaagcat gctctactct atttctcgag 420
 acagtgcacat tttattttacc cttcctaacc tctccaaaaa ananagtgtt agttcactgc 480
 aaaccactan ccannatctt atcacgaatg tggaaaccac tgtngatgaa gatgttntac 540
 ctggcaagtt accngaaacc tcctctcaga gcananccgc catcttcata taangcnang 600
 tgntaattgg atgggaanaa gctncaanaa gatectngt tnnngnctgg agcaaccnnt 660
 ttacccccgc atttcctttc tanttnttag aacntccatc gggttgnttn ggcaattncc 720
 ncggaanncn gentnttgcg gncanctnan ccctntttta aaangttgtn nttctncccc 780
 canttttntc tgnaaatccc tacanggcta attccttcaa ngcttctnct 829

<210> 3688
 <211> 767
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(767)
 <223> n = A,T,C or G

<210> 3684
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 3684

atccnagnta	ctcgcctcttt	ttgcaggatc	ccatcgattc	gaattcggca	cgagggaagc	60
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gaactccgac	cgtggcagggt	gaggcttctg	cacttagctg	gctgtcttca	tgtgggccga	180
ttctgtgggt	agtgattctg	attttctcatc	tgaaaagtgg	tgcatacact	agcccctccc	240
acacttggag	ggttctacta	gtgtgcctgc	gtggctgggt	tctgcacact	cagctacttt	300
agtttcttta	gtctatcctt	aaaaagattc	ctaggtgtgt	tcctgatttt	gaggttccgt	360
ttggtcatta	tgctctttca	gagttcatct	tttaaaatca	gtctgtggac	attttttttt	420
tcctcttagc	acagtttatg	gtctcatgca	ggccaacaaa	ttgggactct	gaatgtgagt	480
gtgtgtgtcc	acacaccact	agggcttatt	accttattgt	caatgtttatc	ttaagaaaaa	540
gtggaggctg	gggtgcagtgg	ctcatgcctg	taatcccagc	actctcagag	gctgagatgg	600
aaggatgctt	gagcccagna	gtttgagacc	agcctgagca	acaaagcaag	actcctgcct	660
ntacaaaaaa	aaaaaaaaaa	aactcgagcc	tttanactat	agtgagtcgg	atttacgtag	720
aatccagaca	tgatagatcc	attgatgagt	ttggg			755

<210> 3685
 <211> 889
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(889)
 <223> n = A,T,C or G

<400> 3685

gctgggctac	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	gaggtttaat	60
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catttactgg	tgagacaatg	agaaaaagac	accctcaaac	actgttggtg	gaacacaaat	180
tgttaaaaatc	tttctaggag	tcattttcaa	attatgtatc	aatgacctaa	aaatatattat	240
gtctcctgtt	cttatacttc	cagaaatcta	ttctacagta	ataaccggag	ataaaaacct	300
ttacatatata	acatgattta	ttatactgaa	aagtcaaaaac	aacataaata	ttaaaaatag	360
gagggtggnan	atttcacctt	taaatgctat	gtaggagaat	acttaaggga	ttggtnaagn	420
ccaatagttt	tngtattang	tggaaaatgc	cngaattggca	tgaatgntgt	acaaananag	480
cnntcatnnn	ttgccactct	tngtcataac	cnentcgtct	ttcnatgcat	nccccattat	540
tacaaaactgt	tcncnnanac	tcnncnttca	ccangnctcc	ngcnntnncn	annncganen	600
tctnctecn	cancnnnccc	ccgctcnctc	nttctcncca	acctngctcn	ccccncacnc	660
ccnactcccc	ccncttact	ttnncccacc	natccnecnc	acnnctntnc	ttcnnncatn	720
ntnecccnnc	ctactcnccn	nntagcnctc	cnenttccca	cacttnnctc	nnntctgnnc	780
cntccttten	tctcncttac	tacataaccn	ncnctcttct	catctctctc	ttctctctca	840
cnnaccccat	ccnncnnnnn	ctcttctctc	cttannctct	cactancct		889

<210> 3686
 <211> 763
 <212> DNA
 <213> Homo sapiens

gngngtcggt	tncgtaaatc	cnnnctgat	aanatccatg	gntnanttng	nacaaaccac	540
aattnganng	cagggaaaaa	anngettnt	tnngngaaatt	ngnmancnt	tnncttaatt	600
tganccattt	ataagctgcn	antaancang	ttaccancnc	caattgcttt	catttaangt	660
tnaaggttca	aggggnaggt	tnnggangtt	ttnaantncg	gggccgaggg	cncnaaatgc	720
attgggcccg	gncccaantt	tnngcccntt	nanngngggg	taaattgccg		770

<210> 3682

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 3682

ccnngntttc	naaatnccag	ctctngttct	ttttgcagga	tcccatcgat	tcgaattcgg	60
cacgagaggt	gttgaaatta	cagaagggac	catttctggc	aacacagcag	accagatatt	120
ctataaaagt	cttccattac	agaacaccta	cacatcagga	gctcaaaaac	agatatattc	180
tttaaattgc	tagccaacat	tttggaagag	tgtgggaaat	ccctcagggc	caaaaccaga	240
gggagttgga	caccagagtg	ataagcagac	actgaaggca	aggccaacct	cagggcttgg	300
ctcaatattc	tagaacttta	cccttgttct	caagtctccg	tgtggacagg	ggatgagggg	360
tacctggttt	ctgctccttt	gactatggca	tagactctgt	agatgtctgt	aattgaccgg	420
gaggatgtga	gatgactgta	tcaagttatc	ctcctgaccg	ggcgcagtgg	ttcatgcctg	480
taatcccagc	actttgggag	gtcaagacaa	ggaaggaggt	gagctgacag	atgtgctgga	540
agagcacaa	gaaccaccca	gtcaggcatg	atctcggaga	gggcgcttgt	ttgggggtta	600
ctcagtgaga	cctgggaagg	anagaagggg	ccttttctgc	angacggtgg	cctggagaag	660
aagctccttt	tccactgaaa	caggaggaat	ggcgggggag	gatgaatgga	tatgtgtatt	720
aattatctat	tgctgcatga	caaatacggg	tcactcaagt	ccaggagttt	gagat	775

<210> 3683

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 3683

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cagagtgtct	ggattacagg	tgtaaaactac	tgctcctgnc	ctgnaatcca	ttttatnatg	180
ggaagcacan	ttacntagct	aatacttggg	ggcangagct	naagtnanna	ttgcatcnnc	240
antaatnntt	agaatgaata	tanattgaag	tcttggggta	tcccggcatg	attatgtcag	300
atgaaattat	gtgatatgca	naaggaaggc	ctcctgcact	tcatgnctnc	agctnantnc	360
tacananggn	caagggncna	tgannaatnn	ggangagggg	tncttgantn	gaatanatna	420
tnnttcactc	agnttaaagc	ctgtaatccc	ancactttgg	gaaggccgag	gcaggaggat	480
cacctgaggt	caggagtgtg	agaccagctt	ggccaacatg	gcgaaaccat	ctctactaaa	540
agtncaaaaa	ttatctgggt	gtgggtgggtg	gcacctgtaa	tcacagctac	tcaagtactg	600
angcagaaga	atcanttgaa	cccaggangc	anangttgca	ntgaaccgga	gatcacacca	660
ctgnactcca	ncctgggtga	ccaagaatga	aactcccgtc	tcaaaaaaaaa	nannnnnaaa	720
aaacttcgaa	ccttttagaa	ctntnnttga	gtcntntttc	cntnnaaccn	nanc	774

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ctgagcaagg agagctttgc ctcttcagga gactggaagt tggggaagac tccaacaggc 240
ttgtggtcag aagctcagga gactgggaag gaaaagtga tttctgagga gtcctagtgc 300
atttcattaa tttgttcaat tctttaacgt atgtttatta tggacctact atgttgccag 360
acgctgtgct agctgttagg gacacaatga tgaacaaaat aggcatagtt ttttacccca 420
tgagagttag aggggtggtg ggagagtcac taatcaaata gcacaaacac atgtaaaatt 480
accataaagc ggggtgataca gaaaggcgac tgggtgttagg atagctaaaa aagagggtatt 540
tcacctgggc aggtgggtca gggaaagctt cttagagaaa gagggacttt gggcttgatg 600
aatgaaaggt gaatttccag gcaaagaaga aaaggaggga ngcttctagg cagaaggaac 660
ttcctgtgcc atgatctctg agaaatgaaa gattaacaaa ggccaattgt aagtngaacc 720
agaattgaac ccaggaangc cccaaanttg agaanaaaaa ggcccagggc aagggccatt 780
ncntggnt 788

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<210> 3680
<211> 763
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (763)
<223> n = A,T,C or G

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<400> 3680
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cattcaaaaa tcttgncaac cctgtgagac agatatgctc accttactga tgagtacggn 180
ggcttggcaa agtaggtatg ttgnacatnt tacacagctn gtnactgnaa gantcnnnt 240
catatactcc cagattcaga actttaaata acccatgct accttctagg gaaagcttct 300
gctatgtgtt tggagggtna ggtgaganaa agngaatnn taatctncca acatgctcac 360
tcctttttcc tgctctgtgg gggatgtaag tgaataaccc cagtgtctgt gtgcactcgt 420
taatcttgta gcantgacan gtggaatgtg ggtctgcagg tggccttggt atgggtggga 480
taactatgtg ccttcacctg tccctacaca ggcataccta ccagcttgcg tttgctttcg 540
acatgtntgg gcaagngtga attgcctctg ctntctctga gagatgggccc ctgtggctgc 600
tntgggaaga acatcaaatt ttgcgtncat ttacatatgg catnctgtgn ntntggaaac 660
tatgcatntn gtgttccctg gcttcaaagt tngtaacnna tgtggtnaga gccaaaaccc 720
ctacttgtgt accaaaggaa ggngcttang gaanaatggc ttt 788

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<210> 3681
<211> 770
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (770)
<223> n = A,T,C or G

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<400> 3681
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tcattgtggc tttccatttt tctgatgact gagaatgttg agcatctttc cctgcgtgtt 180
gtccatttgt gtatcttctt tagagaaata tctgcttacg tcttttgccc agttttaatt 240
ggattgtcct tctgttgctg agttgtcgga attgggtgta catcctccat actgagtcct 300
catcagatac ctgatttgcg aatattttct tccataccat gagttatctt ttcactttct 360
taatggatc ctttaaagcc ccaaagtttt taattttgat aaagtccaat ttatctaaaa 420
aaaaaaaaant aaaacnnana naaatnnaaa anaaaaaaan ctngnncctt taaancntna 480

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<223> n = A,T,C or G

<400> 3677

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tggtgtcatt	agtgtgatc	aagtttacag	agttacattt	tgctttccta	accattcagt	180
caggaattaa	aatatggcat	tgtataacaa	ctgggaagaa	gctcatagt	gatataaatt	240
agagtagata	atgggtcacc	ttgatagcct	ctgtttacat	tacttgtata	tgggcaaaat	300
aattattacc	tatacgtgta	tttaagctta	attttcatat	aaacagtatt	tttaatctat	360
gttaaaatag	ataatatcta	aaagtgtgat	ctctaggtag	tccttagttt	attagtactg	420
tcttcaaaaa	gattttttaa	taggtccggc	acggtggctc	atgcctgtaa	tcccagcact	480
ttgggaggct	gaggcgggcg	aatcacctga	ggtcaggagt	tcgagatcag	cctggccaac	540
atggtgaaac	cctgtctcaa	ctaaaaatat	aaaaattagc	cgggcgtggg	ggcangcgcc	600
tgtaatccca	gctactcggg	angctgangc	aggagaatca	cttgacccaa	ngggcagaag	660
ctgcagttag	nccaagatcg	catcatttgc	actccagcct	angggacaaa	gacgcgagac	720
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<210> 3678

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 3678

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ggggactgag	tacacagatg	aagacacaga	agcatagaga	ggataagtaa	tcactagcaa	180
gtggaagaac	cgggattcag	atccagaaca	ggctgactcc	agagtcactg	gctgtcatgt	240
agtttcctca	actactgcct	cagctctaca	atccagagat	aaagctcttc	tccaaatgaa	300
gagccaggaa	gaggtagagg	tggcaggaa	taaactttgt	aaagccatgt	ccctgggttc	360
agtgaacttc	acagatgtgg	ccatagactt	ttcccaagat	gaatgggagt	ggctgaatct	420
tgctcagaga	agtttgtaca	agaaggtgat	gttagaaaac	tacaggaacc	tagtttcagt	480
gggtctttgc	atttctaaac	cagatgtgat	ctccttactg	gagcaagaga	aagacccttg	540
ggtgataaaa	ggagggatga	acagaggcct	gtgcccagat	atcctgaaaa	tgcccatcag	600
taagttgaac	aagaagaacg	ggagctttaa	gaacaagatt	caagatgaaa	caacacaagt	660
gttgaatatt	ttataaatag	ctaaaggcag	aaaacgttgc	caattatctc	agacttnnag	720
aagtgaaaac	aaacaaacaa	acaactnaag	tcttaattga	at		762

<210> 3679

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(788)

<223> n = A,T,C or G

<400> 3679

aaannccngg	ctactngttc	ttnttgcagg	atccctccaa	atgcttgggg	cacgagggtt	60
cagagaaaag	taggcagaga	aaggcagttt	aggaggtgac	acaagagggg	agcctaagga	120
gagagaactg	gatggagctt	cccaggtgat	gacaggggtg	aactccaggg	ctatacccag	180

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (772)
 <223> n = A,T,C or G

<400> 3675

annccagttc	tngttctttt	tcgaggatcc	ctcgattcga	attcggcacg	agacagggttc	60
ccatagctac	agaggtgctt	ttcaaactta	cncagggaag	tgtgaccttt	gaagatgtgg	120
ccgtgtactt	ctcctgggag	gaatgggac	tccttgatga	ggctcagaaa	cacctgtact	180
tcgatgtgat	gctgggagaa	tttgacttta	cgtcctccct	gggttggttg	tgtggagtgg	240
aacatgagga	aacaccttct	gaacagagaa	tttctggaga	aagagtgcc	cagttcagga	300
cttccaaaga	aggttcatct	tcacagaatg	ccgactcctg	tgaaatatgt	tgacctggtct	360
tgagagatat	tttgacttg	gctgaacacc	aaggaacaaa	ctgcgggcag	atgtcaaaat	420
acctgtacaa	ttttaaaatg	tcacaattaa	acatgagctg	gtttcccaca	caaaaanaag	480
actgaagatn	tgcattttaa	ggatgacaac	ataatggana	aaattngaaa	tagcatannn	540
aaaanctngg	cccnttaaca	natgnggntt	gnnttgccc	aaatcccgnn	nngggtanac	600
cccttgata	ntttgggcaa	cncennantt	gtntgcennt	nanaaaaaag	cnntttnttt	660
tggaanaatt	tggaanant	ttgggtttta	ttttggaccc	ccttttaanc	nccannaaaa	720
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<210> 3676
 <211> 775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (775)
 <223> n = A,T,C or G

<400> 3676

ggnnnttgc	aatncnattt	gaccnttgc	ngcaggctcc	ctcgattcgc	tcaagcaaag	60
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ccttcagcan	acaggntggc	gacaaggngc	cngggatgan	nangagcacc	actaactccc	180
tnaggtgcta	nacacacata	atgggaagcc	aacatttatg	gaagaagttc	tagaacacct	240
tcctggaaaa	acacangatg	aagtcaacag	catgaaaant	ggtatcaaaa	gttctggctc	300
tagaagaaa	aaanncagag	tcaattnana	tntggnaaac	tnnaaagcag	cncaannggg	360
aggaaatttc	caagtcaaag	gaannggctg	acaacacacc	tgtgcttatn	tcatanncna	420
cangaggatt	ancaannnga	ancagaggaa	cantgatgag	actcaganat	nggcattgtg	480
aagctaggaa	gaaacagaan	agnntagaan	tgtcaatgaa	atgngcttcc	ccattnaaan	540
acgaaganga	gaaagngana	naacatgaca	aagancgcca	gngccagttt	angttnaaan	600
tactactnga	aagttntacc	cagcnacatg	aaagaacagg	agaatttttt	gaggcttgaa	660
aaggagataa	agggaaaagg	cagaaaaggc	ataaaaaagg	aaaaagctgc	tgatgaaact	720
tccagatttc	aggaaagagt	tgaaaacaat	gttagtcgag	atccctctag	gcttn	775

<210> 3677
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (759)

attctttttca gaaatatgta aatacccttt gnaaatatat nccaaatgaa aaataaggga 720
tattttaccc attaattatt tctggaaaga tcttatgctg gtttaaatt 769

<210> 3673

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 3673

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ggtcctggct	actgaggagg	ctgatgcagg	agaatcattt	gaacccagga	ggtcaaggct	120
gcagtgaagt	atgattgcac	cactgcaatc	cagcctggac	aacacagtga	gaccctgcct	180
cacaaaaatt	atattctgat	tttctgagtc	catgaacaca	ttgtccaaat	ggatttttct	240
agctcctcca	agttacagat	agttccacgc	acacacagaa	ctcaccactc	tcaaataattt	300
tccccactag	tattactatt	aaatttttca	aacatgcaaa	agatgaaaga	attgctcagt	360
gaacaccatg	taccaccac	ctagattcta	caattaacat	tttaccctac	tttctttatc	420
acatatatgt	acctatccat	ctatccattc	ttccatgaat	ccatcaattc	atctaatttt	480
ttatatattt	caagttaagt	tgcagatatg	tagcttatgt	ttcaccttaa	atgtttctgc	540
ctggctatta	ttaactggag	tgcaatatgt	ttttggttct	tctttatggt	aaaatctatg	600
ttcagtgaat	tgcacaagac	ttaggtatgc	cattaatagg	ttttggacga	atagacaaac	660
cttgngtctg	aaactggaan	taaaaaaat	caaacactaa	aaaaaaaaaa	aaaaaaaaact	720
tcgagcctnt	anaactattn	gngagtcgta	ttaccgtaga	tcccagacat	gataaggatc	780
cattg						785

<210> 3674

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(763)

<223> n = A,T,C or G

<400> 3674

ttcaaatacnc	agctcttggt	ctttttgcag	gatccctcga	ttcgaattcg	gcacgagggtc	60
attcccatac	aatgcaacat	ccggaatgag	gaggagggtga	ataatttggt	caaatactacc	120
ttagatactt	ttggttaagt	caattttctt	gtgaacaatg	gaggaggcca	gtttctttcc	180
cctgctgaac	acatcagttc	taagggatgg	cacgctgtgc	ttgagaccaa	cctgacgggt	240
acctttctaca	tgtgcaaagc	agnttacagc	tcctggatga	aagagcatgg	aggatctatc	300
gtaatatcat	tgtccctact	aaagctggat	ttccattagc	tgtgcattct	ggagctgcaa	360
gagcaggtgt	ttacaacctc	accaaactct	tagctttgga	atgggacctgc	agtggaatac	420
ggatcaattg	tgntgcccc	ggagtnattn	attcccagac	tgctgtggat	naactatggt	480
tcctgggggac	aaactttctn	naagggncct	ttcacaaaat	cnccgattaa	cgaattgggtg	540
ttcctgagga	ggtntcctct	gaggtctgnt	tcctactgtc	tactgencct	tcttnattct	600
ggacagtcag	ngcntgtnga	tgggggcccng	anctctatac	ccactcgtat	gaggttccaa	660
atcttgacnc	tgcnccaang	ttccagggga	ccntnttgnc	ggtgaaaana	natgnaagng	720
gacttttnaa	ggngaanaagc	taancttcna	acctctggna	ant		763

<210> 3675

<211> 772

accaaccagc	cgcgggccgc	gcagctgggtg	gacaaggaca	gcaccttcct	cagcacgctg	420
gagcaccacc	tgagccgcta	cctgaaggac	gtgaagcagc	accacgtcaa	ggctgacaag	480
cgggaccag	agtttgctt	ctatgaccag	ctgaagcaag	tgatgaatgc	gtacagagtc	540
aagccggccg	tctttgacct	gtcctgggt	gttggcattg	ctgcctacct	cggcatggcc	600
tacgtggctt	gtccagcact	ttcaacctcc	tctacaagac	cgtccagagg	ctgctcgtga	660
aaggccaaag	acacaagtga	ccacaagcca	accccccaaca	agcccggnag	ccccccggcc	720
ggtttcaaca	agtcccttg	ggggcccgan	gcaccgaatt	gaaattggga	caacttggcc	780
ccgnccgcg	ggcngnccc	ttgcaanggg	acca			814

<210> 3671

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (775)

<223> n = A,T,C or G

<400> 3671

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ccagagtcac	tgagagtctg	tnccaaaagc	tacatgaagg	ccatgggaaa	aacccgggtg	120
ccattttttc	tagtggggaa	caaggcagat	ctctctccag	agagagaggt	acaggcagtt	180
gaaggaaaag	agctggcaga	gtcctggggg	gcgacattta	tgagtcac	tgctcgagag	240
aatcagctga	ctcaaggcat	cttcaccaa	gtcatccagg	agattgccc	tgtggagaat	300
tcctatgggc	aagagcgtcg	ctgccatctc	atgtgagccc	ttgggtgtgg	ggtaactgcc	360
ttgcttctgc	ccccggcact	tgccatgttc	cagtgggggg	cagatcctca	ggacttcacg	420
ggtatggttg	ccagctgtgt	tccctggccc	tggacacaca	gtgtggcatc	ctcatgtttg	480
cacactttcc	ccaggctcca	gtggcctgga	tgtcaatgtt	tacaaagggg	caaggacctc	540
tcattggacac	tggcctctac	cctctgtttt	tgtttgatga	attctgttat	aacctatggg	600
gtcaggatat	gagtcctggg	cattatttat	ccaggaccca	tcctcttggg	tgggttttgg	660
gtgttggtg	ggtaaagggg	agccggggac	ttctgaaata	anctggcttc	ctggggtgac	720
aatgnatata	tgcaaatata	ttgagaaatc	ttttaaaaaa	aaaaaaaaaa	aaaaa	775

<210> 3672

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 3672

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acctgtggtn	cctgtgtaat	tatnggtagc	actccctttc	actcttataa	ngtctnggtt	120
tggatgatata	atggtgaagt	ttttgttgaa	actaaattat	gaagtctgat	atatttggat	180
aaaaataaag	aattgctttt	cttctccttt	tgctgatttt	ttgacacatc	attctaagca	240
aatcatctc	agcttcgtat	atttcagcct	gaagtaactt	ttaccaaaag	tgtttcatgt	300
aacatttgtt	caatatgttc	gtgacatgtc	tctcagtaat	gaaaagtatt	gcattttatt	360
gaatgaataa	aaacctaac	tctgctattt	ccattttctg	aagttgtaag	agctcacatt	420
aaagacagta	aaagtcaatt	taagccaaga	tcattttcag	cccaccaatg	tcattggctat	480
tggaaaggaa	aacctaatgt	gatcattgaa	ctatcataac	aagtggaaac	tagaactttt	540
ttatagcatt	ttcatgatata	aggtcctggt	atagtaagat	atttcattct	atttatcaaa	600
atggtgtaaa	taaaagaaac	acaattattt	tggtaatgct	tatcttcagt	ttaaactatt	660

ttctaatnct	ggctctcggt	cttttgcgga	tccctcgatt	cgaatgcggc	ncgaggtgaa	60
ccttccccag	tcctatcaga	gcanactttc	tggggttgca	tccntcaga	aaccnatttg	120
gggcccacatc	tcaatgcaca	tatcantgcg	canagcncta	aaatttcagg	caacactttg	180
nttgagagan	gccaaaattt	tggncaggcc	ctgggacatc	taaagtcacc	aatgtaacta	240
caccatacag	attaaaccct	cacatgatca	tgtaagctat	gcagttaccc	aaagctgcac	300
atttanaaaaa	cctgtcagnt	nttatggaaa	ccatccctag	tcaaggacac	tttaaataatn	360
tagtctaaat	accgttaang	taggcccact	agctgtgttc	acattatccc	ttggccacct	420
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tnnaaancan	ttangtcttg	aaaaacatgg	actctttttt	ccgtgtggga	ccagttccta	540
cttatgtgtt	accagccaat	tggactggaa	cctatacagn	tgggnnatnt	agcccccgaa	600
attaatatag	ctcccaacaa	ccaatccttc	attatacttt	naactgnnaa	ccaccanaca	660
caaatgancc	atccaactga	taccactttc	ngtngaagct	anggaatacn	cctngaagtc	720
tgantgagag	tttcagnect	tgcngetnnc	ctatcctatt	accannggtt	gnct	774

<210> 3669

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (779)

<223> n = A,T,C or G

<400> 3669

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tatgcacatt	gtnccaatgg	cagacttttg	gctttgatat	tgttctataa	ttatgtaaga	120
tgttaccatt	atgggaaact	ggaggaaggg	catatgggac	ttctttgtac	tgctttttct	180
attccctgtg	agttttataat	tattttataa	taaaagttca	aaaacactta	ttggatggac	240
atcacagaac	ataatagaag	aaagaatcag	tgaattatag	gtctgtttaa	tagaaatgac	300
tcaaactgac	acacaaaagca	aaaagaatga	agaaaacaga	acacagtgtc	tgagactttg	360
tgaataatga	ttatataaaa	ttatctaaca	gtcacatgat	ttgaccctca	gaaggagatg	420
aaagaatgag	atagaaggaa	tatttgaagg	aataattggt	gaaaatgttt	ccaaattgat	480
gataatgtca	gctcacattc	ccaagaatca	cattgaaccc	tgaccaagat	aaaccaaaga	540
ggactacatc	taggctcatc	atagtcaaac	tgcttaaaat	caaaaactaaa	gagaaaaatc	600
ctaaaagcaa	ttagagaaat	cctatatagt	ccatgttggg	aaacagttac	atcaatgtgt	660
gctgacttct	catttgaaac	catagatgcc	attagacagt	ggaacaatat	ttttaaagtg	720
ttcaaaggaa	aaaaattgct	atnccagaat	tctggatttg	cccaaaaatc	tcttcaaat	779

<210> 3670

<211> 814

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (814)

<223> n = A,T,C or G

<400> 3670

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aggcggatca	acctggcgga	ggacgtgctg	gcctgggagc	acgagcgctt	cgncatccgc	120
cgactgccc	ccttcacgct	gtcccacctg	gagagccacc	gtgacggcca	gcgcagcagc	180
atcatggacg	tgcggtccc	ggtggattct	aagaccctga	cccgtaacac	gaggatcatt	240
gcagaggccc	tgactcgagt	catctacaac	ctgacagaga	aggggacacc	cccagacatg	300
ccggtgttca	cagagcagat	gatccagcag	gagcagctgg	actcgggtgat	ggactggctc	360

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 3666
 ttcaaatecn agctcttgtt cttttgcgga tccctcgatt cggaaggcta caagtgacaa 60
 ggaaaattct gttccgaata tggccacaga aacaaaggat gaacaaatat ctgggacagt 120
 gtcttctcag aaacaaccag ccttgaaggc tacaagtgac aagaaagatt ctgttttcgaa 180
 tatacccaca gaaataaagg atggacaaca atctggaaca gtgtcttctc agaaacaact 240
 ggcttggaag gctacaagtg tcaagaaaga ttctgtttcg aatatagcca cagagataaa 300
 ggatggacaa atacgtggga cagtgtcttc tcagagacaa ccagccttga aggctacagg 360
 tgatgagaaa gattctgttt cgaatatagc cagagaaata aaggatggag aaaaatctgg 420
 gacagtgtct cctcagaaac aatcggccca gaagggtata tttaaaaaga aagtttctct 480
 tttgaatatt gccacaagaa taacgggagg ttggaaatct ggaacagagt atcctgagaa 540
 tctgcccacc ttgaaggcta caattgaaaa taaaaattct gttctgaata cagccaccaa 600
 aatgaaagat gtacaaacat tcacaccagc agaacaagac ttagaaatgg catcagangg 660
 agagcaaaaag angcttgaag aatatgaaaa taccagccac aggtgaaaaa ccaaattcat 720
 tctaggggatg accttgatga cataattcag tcatttcaac agtcttcaga ngat 774

<210> 3667
 <211> 733
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(733)
 <223> n = A,T,C or G

<400> 3667
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 gnanaaagna tcngetggcn anntctatca tgnatcagct aaggatttgc caacngaantn 120
 ntntcncatc cttcantcat gacacntcac atgtcaagng nagaaggtag ancgtgnaaa 180
 tgctatancc ggcnaaatnt aggagtctt ctctggctcg gttgctaaag cagtgatctg 240
 ngtnancccc agggccatca ctgtgcatgt ncccatgcc tnaacngnat tcgagcacat 300
 actgattnac tanaaggagg ngnangncca gcagnaacan cnaacgatga cattggccnn 360
 ganctaccnc ntgnncgatg ggaaaatggt gaanntncnn cgcacccnga atgcgcnagt 420
 tnntgtaact cantaccaan tgctcagcag cactctcttc tctngctcgt ggagcttcag 480
 cccatnantg gaatanaaca tcnngctnaga ntncactnng cttttggatt gnattgtntca 540
 atccttggtg atcacaatnn ctcagactgg aataggctgc cccccaaaac tgtctgtggc 600
 accctgaaaa agctggggct aaacagncaa ggccgntcat ccccttgnt gaccncgnat 660
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 acnctngtta aga 733

<210> 3668
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 3668

<210> 3664
 <211> 777
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (777)
 <223> n = A,T,C or G

<400> 3664

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nttcatctac	accagttntc	ttcacctgct	cctaacangt	acaccagcta	ncagtcncac	180
cnacngtaac	agtggccttn	tnacnggtaa	ngatgctgtg	tgaaagggct	cagcaagatg	240
acgaaagacc	tgctngataa	gctcnagnaa	ttngcngaan	acctgccncc	tnataccntn	300
natganctta	nnannaacn	nggnggnnct	nctaactgtg	ntgagatgac	tggccgctgg	360
gacggtgttg	nnanctgcga	tgatggacgc	atgtancctn	atncangntn	tgactnnan	420
gngcctgtgg	aanntcncga	ngttacnctg	gctcagggat	attatngatg	gcgnttacnn	480
tantgctnng	atccatcatg	ctggngaanc	nggtatnaca	ttacatctgn	tnngagagct	540
tgccatnata	ggcgangntt	tcatatgact	ttgggaantg	nccttgatcc	gctacntaga	600
ncngctntaa	cagttgggga	ccctnnntga	natcancnca	ggttcctgtg	gnggagattn	660
cctacntgaa	natgggcnct	gncggagcta	acggaanac	ngngtanct	tgctgctang	720
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<210> 3665
 <211> 815
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (815)
 <223> n = A,T,C or G

<400> 3665

gtacttattt	ntaatgntgg	tcganttggc	ctaaananaa	taggttnggg	ggaattcggc	60
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ggtatgacat	atgtaataca	catctgtgta	cacagaaacc	ggcacctgcc	agacagagct	180
ggttctaaga	tttaatacag	tgcttttttt	cctctttgaa	atattttact	ttaataccag	240
tgctttttct	tggtgaactt	cttggaaaag	ccaccaattc	tagatcttga	tttgaattaa	300
tacacacaat	atctgagaca	cttacacttt	tcaaaagatt	tgtgtatgca	ttgcctaatt	360
agagtagggg	gagaagggca	actattatta	tccctatatt	acaaaactga	ggcttantga	420
ggttcagcca	catgcctaga	cttatatact	agttagtggg	gcagccaggg	agaggactca	480
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accaatatgc	ccccagacgt	gagacaaaca	aggacttttt	ttttatatag	agccatccat	600
naaaatccta	agcccctttt	attaatgtat	aaccaggaag	aaacattttg	tgccaaccgg	660
tttggaactt	tntatggcnt	gagaattcgg	gnaagggaag	gttgaccccc	aagccangga	720
gaaggaaaaga	antgganttt	ncntttgtcc	tttaaggggt	ttntaangnn	cattgggtttt	780
taaatcncgn	natcnnngcc	caaaanttnn	nttct			815

<210> 3666
 <211> 774
 <212> DNA
 <213> Homo sapiens

catgtacaac	tcttaattta	acatttttga	aagaaaaaaa	aaccggccag	agcattaaaa	540
caaataaaat	aagaaacaca	gaggccagt	ttaggtgaag	aactccgctg	cttcagaaaag	600
agaatagcag	cgctcgctta	ccgtgggaac	acggccagtt	aacaaaatgg	gttttggttt	660
tttgntttgt	tttgttttac	cattggtaat	aagatagtta	acataagtgg	tcagaacttc	720
gcttgaattt	gtataaagca	tttgtttaagc	gtgtaaaagt	ccaaattaaa	agtcttgaa	779

<210> 3662

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 3662

aatnctnaac	ttattatctg	acgtcnannt	ngcctaaana	gaatnggtn	ggggaattcg	60
gcagctccct	caaagaaagg	agaactagga	aaatgttttc	gccatctccc	aaagatgata	120
ggaaagtctt	gagcagggtt	ctgggtatag	ccccttgtga	gaaattcaag	gccaatcaa	180
tgccatagat	gagttatata	ttccaaattt	acactactta	tgtaggtgta	gtaacctcca	240
aatcaataaa	ttaatataaa	attggcccag	gactggtgaa	acctagagtc	ctgtcagaag	300
caaatacaaa	gcagcccttt	aacaacagtt	ttaaatttag	ggccttcaag	acccccagct	360
gaaaagaaag	tctctactga	aagtgaagtc	acaatttaac	aggagagana	nagaaagata	420
cactgtgaag	gatantcaaa	agacattgca	nanaggagga	ctggtactgt	ccccacccc	480
cactaagagc	ttaagatana	acagcctgna	tgagactatg	aaatatnttt	aanntgatga	540
aagaaaaaatg	tcacctntcc	ttctttccca	gtcaagacan	gnngnatccc	ntttgnntaa	600
ncctanaaan	tacctgtgtn	agatactnnn	nttgatcgty	agacgccnat	agtcaaacct	660
cttggaangna	aaactanaca	ttcttnatn	ctttnaantt	ccccccccc	tcngggccct	720
gtcttcccan	attcacctaa	cttccccttg	gttgcccccc	acttaattcn	acngcccctt	780
nttttttcac	tccaaacngg	gnct				805

<210> 3663

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 3663

tnnctaacca	atnantcnag	gcanctcgnn	ctntccnaaa	taaanaggnt	ntggcgaatt	60
cggcacgaga	aatgctgaat	attggtaaca	agcaacaggg	gaaacaaggc	agtctgagca	120
cacagaactc	aagtcctcct	aatgggatcc	cagaatgccc	atggaggaag	cagcatgtgc	180
actgtgctga	gtgctgagca	ggatttcaag	agagcaaagg	cagagatgct	ggacagggca	240
gcacaggagg	acgagtgtgc	atggtcactc	tgagcagggc	tggttcctgg	gctggttgga	300
gcacagcatg	gggaactgaa	agcgagacac	tggccaagaa	agtccttgtg	cagggttcca	360
gaagtgaagc	tcacaagcca	tcctaggcca	cactgccatc	aagccccaga	cctctacatg	420
cccatgttgt	ttctttccag	ctcatatagc	ttcctaagta	ttgtggctaa	cagttccctg	480
acttgaattc	ctagtttctg	ttaacagttt	tctaactttc	aggaaaaaca	agccaatttc	540
taaggaaagt	ggctgtgctt	cagtcaggag	tagtccgagg	tagacatcca	ggacagtatg	600
acgcaaaggg	tttgagcgc	aacaaccctt	tgcgttatat	agccatttaa	tgtaacctgt	660
ttgtgtgagt	tcatacctgg	ctttgagcca	ctattgtctg	tgagtaatat	aactgcactg	720
ctgactctgt	aggagagaga	ataaagccat	gtccaacttg	cctacagtcc	tcn	773

ggaggaaagg	ccaactaggt	ccaacaagta	aaaagaggac	tagtctcaaa	ctattaaata	240
tatgatttac	ctagcaaaaag	ctttaagtc	cagctgaatt	acactgggga	aacaattaca	300
gactttacaa	tggaagaag	catcttcaat	gttggctgca	atcactgaca	gcaggaatac	360
tcacttttga	aaaaaaaaaat	tggtattgt	tttctgtttt	ccacatctta	gtttaatatt	420
atgttcctca	aacactatga	agttgagaac	tgaattgatt	acctgggaaa	ttctggtgaa	480
actgaggtgt	ttgtttcatt	aattatccat	gtcattttatc	ttcttaactt	aatcaaccta	540
aatttagcct	gaatattatt	tgtagggac	tgaagacttc	tagagagcag	agagcacctt	600
tttttaatta	aacaaattcc	tttgataata	ttttaatgtg	actcaagaat	ccagcactat	660
ctatatatgg	acccctctgc	atccatgaaa	agaagtcctc	atccaattct	gtgaatatga	720
gactaaaata	caattccaat	tatgaggnat	ttntttttaa	gtcctaattgc	aggaagaa	778

<210> 3660

<211> 792

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(792)

<223> n = A,T,C or G

<400> 3660

ctaacttatn	tntctaganc	tcganntngc	ctaaananct	aggncngggc	gaattcggca	60
cgagcactac	atgaagtccg	gggtttgggt	aaaatatctg	tcttatttat	gaaaggctga	120
aaagagaaaa	gagctattca	ctacccgaga	ctataagttt	tagctgataa	aaacacagcc	180
tcatcaatag	ctattgaatg	aagccacttg	ctgagtcagt	aactgaatgt	ctatgtatga	240
tatttccagt	atcatgatta	aaatggagcc	cggaaatgtc	attataaggc	ctagttgtgg	300
actggggggcc	cagatggcca	agtgggagca	actctgaaac	cattaaatag	gaggagagag	360
agaaattaaa	aaccttttct	attcaaaaaga	aacctataac	ccaaattcta	aaatttatag	420
agacatataa	tattaatata	acaaaatcag	ccaccaaaaac	attcattttct	ctggatgaaa	480
ttaattttat	ggagcagttc	aacaaagact	ttatttttaa	aaataaatta	tgtattttatt	540
tttgactagt	aatagatgca	tgtagtacaa	aattcaaagg	tacaaaaagg	gtaaacagtg	600
aaaagtaagt	ctatctccac	ctctttcacc	tagccacca	gtttccctnc	ccaaaggcaa	660
ccactgttac	ccatttcttg	ctatcccttc	ctaaggataa	attggttgca	ttattccaaa	720
cattatntan	tatatacacc	acaccacacn	actcaccaca	tatggtacca	tttttttatt	780
attcaaattg	nn					792

<210> 3661

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 3661

ctaactnctgn	acnaatnggn	tnngctactc	gtncctttccg	naanancnag	gcggtgcgaa	60
ttcggcacga	ggtgggctct	cccttaaaga	cacatggcca	cagacacctc	cttcgcatat	120
gtaatatgcc	ttcccctgcg	gccttccgtg	gtcacagcaa	cagggactgc	tcaccccttc	180
cagctggggc	ttttctaaca	agcacagtca	gaaatgcgca	ggcctggggg	tggggatgaa	240
cagaagttga	ttagtgggca	cagaaatata	gttagataga	aggaatagtt	ccagcattcg	300
atattacagt	agggagactg	catttaacaa	taattgattg	tatatttgaa	aacagctaga	360
agaataagaa	tattcccaac	acaaagaaaa	gataagcgag	gtgaaggaaa	tcccagttac	420
cctcattcag	tccattacac	attcgatata	ggtatcaaaa	tatcataggc	acctcaaaga	480

<400> 3657

aatcncngta	cngngcgnan	tngcctaaan	anaaggttgg	ggggccctct	gcttctctggc	60
tgaccttggg	gtggccctct	gatggcacta	tgtgtectct	tctctgagct	ttctgaggat	120
gacaagccgt	cttttcaatg	ggactccctt	ccagacctgt	tggtctcacc	atactggaat	180
catcataaag	cctgtattgt	aaaacatcat	tggtgnctaa	agtttgcaca	atgctatggc	240
ccccacatta	agggagtctg	ggtgagatca	ctncattgcc	cctacttctc	tgaccanaaa	300
acacaagagt	tcatgggaga	caataataac	aacaacaaaa	acaatacaag	aacacantng	360
tacctcntta	ttggcacant	aacttttcaa	angctggcat	gaatnaaaag	nncccaagtc	420
ncaagacnag	gtgnnctgga	nccactgctc	agnactttcc	gacagccnac	gaaagcacat	480
cnaatgaaca	angcettgca	ttantgggac	gnttnnngat	atacanccca	nggaatcatg	540
cnctgttag	tccangggga	cnagccctnt	nccatgcnc	cnctantgct	caaaccnntc	600
atnggcant	tgtctncattt	cgtacnnnng	tnggcccctt	naatgaaata	tcgaancaat	660
ttnttaaacc	cncccnggcc	ttattgnnac	tttctnaaan	ncccatcncc	cttgncttca	720
tannncntnn	ctcgcccttg	nttgcaattc	tcccctngcn	ggacntctaa	tgcnnntcaa	780
actcnaecgc	nnnnnggtcnc	aacacttttt	ancntanna	caggggntta	gncccaanat	840
ttccnacc						848

<210> 3658

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (775)

<223> n = A,T,C or G

<400> 3658

caatgcncna	accaattant	aagntactcg	nnctttccgn	acncancnag	tgcgngggcg	60
aattcggcac	gaggctgagt	atTTTTTTca	agtgtatcat	ttgcctgtta	acttaaaatt	120
ctatTTTccc	cctaattcta	tgtcccagtt	ttggttagt	tgctctggga	TTTTtgaccc	180
attccatagt	aatagttatt	actactacca	ctacagtaaa	ttcttacaag	aactttccat	240
gtTTTTttggg	aggaggagga	ggagtagtta	cattcaggat	catatacata	attgttttagc	300
ttcagttctg	tatttatata	tgtcacttgt	aactgactgg	gatacgttct	gagaaatata	360
ttctcaggta	atTTTTgtca	ttgtgccaat	atcatagagt	gtacttataa	aaaccagggc	420
tatatattat	aacctattct	gggcttcaaa	cctgtacagc	atgttacttt	actgaatact	480
gttggcagtt	gtaacacaat	gataagtatt	tgtgtatcta	aacataccaa	aatatagaaa	540
aggtagagta	aaaataagtt	taaaaaaaag	gtacacaaaa	ataatcttat	gggaccactg	600
tgtatgtggt	ttgatgtcat	tatgcagtgc	atgactgtac	tataaatgct	tatggccagc	660
cctTTTTtttt	tttgaggcag	agtcttgatg	tctcgcccat	gctgggagtn	cnnnnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	ncnntnnnnn	nnnnnnnnnn	ncnccccnnn	nnccc	775

<210> 3659

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (778)

<223> n = A,T,C or G

<400> 3659

aantnctnna	acttatnntn	tntngacctc	ganctnncc	aannagnnng	gntngggcgga	60
attcggcacg	agataaaggc	ctagtttttg	tatcccaata	gatttttacc	aagcttcccc	120
tgaagaaagt	ttagaatgag	catgatggga	aaaggagaaa	attgtatgct	gcagatagag	180

<400> 3655

gaactaatnc	ctcncnnngt	ctaantngcc	naacnngntn	gngttngggg	nattgngtaa	60
tanantggca	gntaccaaag	atggntgtct	nnagttntcta	aatgacatgt	tgatcgnggt	120
catgatatact	gcaaataantc	ttgtctttct	tnacctnaga	acaaatgtna	agcattgatn	180
ggagcanaca	caacagttac	gaantntnct	gcntggcaac	tgactnaaag	cnaatntact	240
antcctctta	aacttccaaa	anagtatnca	ntactacngg	atggntctct	atncacangc	300
nettingtctg	tnacntcnan	natntcacnt	atctaanaan	ananntcnna	atgatnaatc	360
tcaacnaccn	ccaanannaa	gttnncgnac	cgtggnnagtn	gtncancnta	anttganecgn	420
cacttgccct	tnctntcccc	aggcanacga	atattntctc	ctttttaagc	ccntccangg	480
cncaacggct	cctncnntcc	ncanacgca	aagnttaann	annncntcct	ncctcttca	540
attantcact	accttcaaac	tcnctcancn	cattnccgnc	cctccntctc	ngcntcacct	600
cgtcacccnn	tcttctcnca	agtncccect	nntaanccnn	acnntttccc	nnnaacccct	660
ccnngnttcc	tnnactcact	gnntctccatt	ntctcccnct	ccccctncaa	annnatnctc	720
cctcnntant	tcccantctc	nactccagcc	gctancacac	ntctcgctca	catctaatec	780
nacgncattc	actnctctcc	ganatnancn	atcgcgnta	tangngaacc	taannnctat	840
ctcacnctnn	antctcncta	atnccancnn	taancntttt	gctncagcac	anacacntct	900
ctctacactc	ncnatacnac	ttntanccat	ttncntanta	ctccatctac	anactctctc	960
atnncaccac	ncatctctna	tacaacnct	ctntctctct	ctngctanca	cancact	1017

<210> 3656

<211> 908

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(908)

<223> n = A,T,C or G

<400> 3656

ntaangnttg	tactcgngnt	anctngccta	aatananann	gttnggggng	ctgggtgtng	60
gtggattaca	cgctgagcc	attgcaccca	gccttaaggg	accaggactt	tatctttnta	120
ccctgctgta	ccatctttag	ctttttatct	ttttattctc	atgcttttgt	tncttcatga	180
tgtaggatg	gctgccataa	ctccagggna	tacaccaatc	ctctaaacaa	gaaacaaggg	240
gntgagacaa	aacactctga	gaaggttntc	ngggaacaaa	agacctccaa	gctgactctg	300
cttnataact	cattggctna	aactgagcta	tatgcccata	cttanagcaa	tcactgacaa	360
aggggaatag	caccaaaca	cctctggctt	atcntagatc	aacctcgatt	nattnttctg	420
ggtttngggg	tggggccttc	tnacctgng	aagcaaagaa	cctcttgcca	gcttgctccac	480
ggctactcan	gttcnntnta	ccaacaann	ggctatnggg	ttagtgacta	acttnccaca	540
gcncngcana	tacatttcgt	atagtaacnt	ntttccaaga	ncttcntaan	ttcaccctn	600
gaactatccn	gcancanatn	annnctntn	ctanttnnat	cannntggtn	tcaaactcan	660
anggnntttc	annccaannt	nnntntntct	nacatnnccc	nnccctncaa	ntcccnccc	720
gtentcactc	ntentccacc	cctnnacccc	ttntcaanac	ctctacntnt	tcangctnnc	780
cttnccnnnt	ntccctcat	nanctcactc	ntcactntnc	tctccnnccc	nncantaccn	840
tctctnnncn	gtcctctct	ctnnntccct	ctctctcanc	atatcttctc	tnncatctg	900
tnnccncc						908

<210> 3657

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(848)

<223> n = A,T,C or G

<221> misc_feature
 <222> (1) ... (782)
 <223> n = A,T,C or G

<400> 3653

acctattant	ntgatgtcga	nntnncctaa	ananataggc	tggggcgaat	tcggcacgag	60
gcgggacct	gcctctacta	aaaaattaaa	aatagctatg	catggtagca	catgcctata	120
gtcctagcta	ctgaggaggc	tgagggtgga	ggatcacttg	agctcaagaa	ttcaaggctg	180
cagtgaagta	tgatggcact	actgcacttt	agcctgggtg	acagagttag	accctatctc	240
acaataaagt	aaaataagaa	ttaacacact	cataataact	atttagttaa	taggaaactc	300
tgtttaagcg	atattgctta	tattttctctc	tcatgctttt	gtagggtctg	actcatcctc	360
tcaattatcc	acagagtata	ttgttagtgt	tttgtttaag	ctacctttta	caactcaatta	420
aaactattta	ctggaagtag	gctaaggtna	tggggtgaga	atagagatgg	tattatatca	480
tgaaatctac	ggaagagttt	gtagtcntag	ttccccctgcc	cccacagagc	ttattactct	540
tgaagaagct	ttgacnaatt	ctacatgact	tattccccct	actttaacaa	gacctgctat	600
actaaaacta	taccncagtt	tttccaagag	aatantgctt	ctaaattata	ttanctctgg	660
ntcccatata	nntctnnanca	ttntccctt	tctcttattc	naaagttagn	ttntnattan	720
gactcttntg	ancatatnnn	nttanntnc	gnncnccgn	atantcnggt	tcctntggg	780
ct						782

<210> 3654
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (781)
 <223> n = A,T,C or G

<400> 3654

gtacctatcg	tntcgtgcat	gtcgnantng	cctaactana	attgggttngg	gcggaagagc	60
tgaagagtag	gaggtggcag	gactaactaa	aagtgggaca	gtcacttggt	atagtgaagg	120
tagaatggac	agaattgggc	aactaattaa	gagggagaa	cctctaggag	aacaggagaa	180
cgcattccaa	cctggaaaac	caggaagaga	agatccttgg	tgagaagcag	tcaatgagtt	240
tgctttggga	tatgttgagt	tcccaaaactc	atcatgaggt	gaggcttcca	ggtagcaaat	300
gaatcacttg	agaccaggag	ttgaggagca	gcctggacaa	catagcaaga	ccccatctct	360
acaaaaaaa	aagattttta	attagccagg	tgtggtggta	tgtgcctgta	gccaagcta	420
cttaggaggc	tgaggcagga	agatcacttg	aaccagaaa	tttgaggctg	caggtgagct	480
atgatcacac	catagcactc	cagcctggat	aacagggtaa	aaccctgtct	cttaaaacan	540
acaaacaaac	aaaaaacac	caaaatcctt	atgtatctgg	tactatagtt	gtctttctca	600
ttttacattt	gacactgaga	gacagagagg	ttgangagtt	tgggcangac	acacagctna	660
tacatggtag	agtcaagcct	tgagttcang	tctnctggcc	ccttatttcc	accccgaaact	720
ttcaccatta	tcatattgtc	nggnangctt	ggagactctt	gaatcccttt	aactcacccc	780
t						781

<210> 3655
 <211> 1017
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1017)
 <223> n = A,T,C or G

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

<400> 3651
 gtactaatat ntnaagntnc tcgtnctttc cnnacncanc nnggcggnng cgaattcggc 60
 acgagatggt ttgggaaata gcttgtgaga ggtaagaagg attgcaaagt ttttccaaaa 120
 tattttatga agttagtga gtcagttgaa atgtgtatgt aaacatttga agggatacag 180
 ttaacatttt tttaaatgaga ggaaaccatt gtctgtagtt cagaaaataag atggagtgtt 240
 ttacttattt aaggggtaat ttaaaaagta aacaaaagca ttggcctaca agagaaaggt 300
 gatgttggat tataagtgtt ttttctaate gttaatatata atcaacaggt gagtatattt 360
 tcogtttcca agcagttatt aatttacatt ttctcaaatt ataagtagct tcctgcttct 420
 ccaaaagtga ggcttaagag gatggctatt tcatcataaa ttagaaaaac gactacaaat 480
 atgaaatggt taattttttg gtactaagat aatgagacca tccagaattt tatgatcaaa 540
 acatggcttt taccagggga gtatctgtag ttgagccact ggctctataa cattgttagt 600
 tctttgtatt ttcccaatgg aggttttacc tcatggccat aaaaataaaa gaggggtgaa 660
 tgtgaaaata actgcatttt gaacatctca nacccttcac tcataaaaat tacttaatgt 720
 tcctcttcct tgaattacat atttttccat tgtaataaaa ttctgtttt gaaann 776

<210> 3652
 <211> 846
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(846)
 <223> n = A,T,C or G

<400> 3652
 naactaatna ccangaccnc nanntngcct aaanaaaagg ctnggggggat tcggcacgag 60
 ggggcttatt tcatccctac agtctcgacc atagaagaca gctacaccca agggggccat 120
 ttttagaggcc caccctcagg ggcacattct ctttctcagg gatgttcctt gctgagaaaa 180
 agaattcggc gatattttct ccatttgctt ttgaaagaag agaaatatgg ctctgttccg 240
 cctggctcac cggcggtcag agtttaaggt tatctctctt attccctgaa cattgtgtgt 300
 atcctgttct tttttcaagg tgcctagatt tcatattgtt taaacacaca tgctctacaa 360
 tttctgcact taacacaatt atcacagggt cctgaggcga catacgtcct cctcggettta 420
 cgagatgaca ggattaanag attaaaacag gcatangaaa tcacaagggt attgattggg 480
 gaagtgataa gtgtccatga aatcttcaca atttatgntt agagattgca ntaaagacag 540
 gcntaagaaa ttataaaagt attaaatttg gggaaactaat aaaatgtccn tgaaatctta 600
 aaaaanacta ntcacactcc ncccncaact nannccccac nctccnntnc cntcncncn 660
 accctnnnac tcnctctct cncntnnac cccttcccc nnntcntccc tncctctcnt 720
 cnnctncnt ctctncnt catncectc actcctctn nncctttcat ntctcancn 780
 anntcnnct cnnntttcnt ncnctctacc ntnnccatnn cnatnnctcn ntntncttc 840
 tctcct 846

<210> 3653
 <211> 782
 <212> DNA
 <213> Homo sapiens

<220>

gaaattcaan gtgttccta ttaaaacccc tattcctgaa tgtanataat ccattattnn
nct

780

783

<210> 3649

<211> 827

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(827)

<223> n = A,T,C or G

<400> 3649

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aaaaccagca	gaaaaaggct	tcttgttggg	ctgatggtgt	ttgtgcgaga	agctgangtg	180
ggcagggagg	agagcctang	agagcggtag	ggctcatggg	caggccgttg	gtgtacgcct	240
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tcaactgtggc	ctggggccaca	tgctggcgat	gacgggggatg	gccttccaca	tgctgttct	360
ctggaagagg	ggctcgcggt	gtgcccact	ggggacgtcc	tgcccccaac	cccccaaac	420
gctgctttct	tctgccctna	agaggcccct	cagaagagag	gaggctngnn	tgaggggcnt	480
tgagataaac	cccgaaggc	cggnttcctg	gcttcgtgtt	ttaaaactca	gtgctgcttg	540
cnaagtgtt	tgnctattgc	attnataatg	accaacancg	nttggttgac	cacnttgatg	600
gnccganggg	gtgccangca	cttgttccca	agggccncac	ttcgtgttgg	ttntttggtc	660
cgnttaattc	ctncttgaca	aacctattta	caccggtttc	ntcnttcnnc	tntcnagcna	720
anccccaatt	ntgcaacccc	gngggaaaac	tnaangnccn	caccggattc	acaaaaatg	780
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<210> 3650

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(776)

<223> n = A,T,C or G

<400> 3650

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tgccaagatt	tagaagttat	ttcataggag	ctgggacaaa	ggtcaaacct	ctctttgggc	180
aagaccgtat	tctttattgc	atagctttga	aaagagattt	tgtattacc	aaacatttat	240
tttaaaaagg	cacccccata	tatccatcac	togaactgta	catttctaaa	tgtacattga	300
cctttggtat	attagtctag	caatccagat	tttgctctt	gttaagcgta	tcagggctct	360
ggcaggaagt	agacgacaca	ctgaaggata	actgtcaaaa	gtttaatgaa	gagactattt	420
acaaagggtg	gggcaaagtt	aaggggaaca	acaagtaaga	gatggtgtag	catcttagac	480
ctagcaacag	cagaaaataa	ttgccactcc	taactctgaa	gagataagga	gaggggaatac	540
ttagcagaac	acagcaagat	tgattagtaa	agcacagagc	tcctgacgag	gagatgtgac	600
cttcaggaga	ggaatactac	ccccaaagcta	tggcccagca	gggaaagagc	ataggtaata	660
cattctctga	ctcccacttt	ctgatttctt	ctagtagctc	cctttggcca	aattcaactg	720
attattagag	agtaggaatt	ccagttgctg	cagtccatag	aggttagtct	cccnat	776

<210> 3651

<211> 776

tccaaaaaaca	tacctctgac	agtnactttg	atagatgggt	tggcnaatgt	atcttctggg	540
tatccacacc	tcttggccat	gaaatgtgca	gctcctccct	tccataaatg	aaagtctctt	600
tccccaccca	tnttgaaatc	tnggctggca	ctgcgacttn	gantcgnttc	aatacnaatn	660
gtnggangaa	ngtgactgtt	tnncttttcc	cancctnggt	tttcaagagg	ccttnttaaa	720
tgccnngttg	gaaccttacc	ccnccctgnc	cntngtnnac	tgaccatggc	tggaaaantg	780
acc						783

<210> 3647
 <211> 823
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(823)
 <223> n = A,T,C or G

<400> 3647						
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ctgctgaacc	tcttctctgc	ttcacataac	gttggccact	tcacctttcc	tgagatgtct	180
ctgaggatgg	gcataattta	aagacttgag	cttacatcat	cgcactctga	aagaaccgag	240
tataattgag	ttgctgatac	aagtgggtac	ttgcaccagg	tccgggtcac	ccacatctct	300
atggaaacac	atgtttgctt	taaagcccag	caatcagaag	cagatcctta	taggagccag	360
cattgggtca	cttttagaaa	aaggcattta	tttatattct	caagccagca	nagacctatg	420
aaatgaaata	attttcaa	tcantagaaa	aaccatgccg	tacgtgaatg	ctaataaaag	480
cctgccgtgc	gtcctnnctc	ccctgtgctn	gcaactgcctc	agatccgcct	gcatttatnt	540
ttanctgtcc	tttgcctctn	tgtgcccatt	tgcattctgc	ngctgtgacn	aagtnggttt	600
ggccctttta	tgcnnaaatn	ggttaatcnt	tcatttnatn	anncattttg	cccancnacc	660
taaaaantgg	ggaaaaatnt	caaaagcntg	gggaactggc	cnntcaaanc	ngnnnnttnc	720
tggcggttcc	tngctnttng	ccctcngttc	ccttgcaagc	cnttntccca	nccancntn	780
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<210> 3648
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

<400> 3648						
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actacatgta	tttggaaata	aaaattgtat	gactatgtat	atgaaacttg	ttcatgttct	180
aaaaaatacc	ctccatttat	aatatgtttt	taaaatttgc	cactgagaag	tacaaatttc	240
cttcttattt	catcttagtt	atcaaccag	agtcactgga	ggcaatgcag	tgtagtgggt	300
aagcgtgcag	attctgaagt	tagacaagat	ttgggttgga	atcctgactc	tgccacttac	360
tagctgggta	ttcttgaaa	ggtcagtttc	cccatccgta	aaatggggat	aggaatggta	420
ccttccctcat	atgattgntc	ttttttttta	gatttaatga	ataccttgat	gtattcgtca	480
cagtacttgg	gcatagtaag	tgttcgataa	atacgtantc	ccctgtgccc	ataactgtaa	540
tattttacta	gcactaaatt	tgtctactaa	ttcttttggg	tagagaatct	cccttggttaa	600
atgactattt	tacagaatgt	tttgaactcc	aaatcaagcc	taccacgatt	aatnatatta	660
agaattttat	tttaacttta	taagggtctc	taacagtang	ttaaccaat	tttaaaangt	720

ctcgagagcc	tggaccgctc	caaggacaaa	gtgaagggtca	accggccggg	cgggtccaca	600
gttaccagca	cgcttgtctt	agaaaacgaa	aacngaggaa	aaaaacccca	aaacccccaaa	660
caatcttaan	taaacacgac	tgagcaaana	aaagttggcc	ctgtgtaagg	gctatttttca	720
cccacccggn	aagtttttag	gacncatttc	cccagaagaa	ccggaaaaga	tcatttgacc	780
ctnggaacn						789

<210> 3645
 <211> 1098
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1098)
 <223> n = A,T,C or G

<400> 3645						
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ctgcancang	nggacactgg	aaactcttac	ctttgcnggt	acttnaanat	taaangcctt	180
actgangagt	atctcacccc	tntacaactc	ttctttgaan	ganaacntaa	tcatcntana	240
acacnctncc	ttaactcnna	agtcgnatgc	anatcaacat	nntnatccna	aacacnngg	300
gcancntttc	tngetccttt	atcancncnc	nnaatcattt	aacntcacna	tcnacattcg	360
ncnatcatnn	cagcnagaca	nantgnanac	ctacatctnt	anntanntgc	antngnncan	420
tcnncttggn	tcccctancn	cacctntcca	naagatatcn	ttngnngcnt	tntnncnnc	480
ccactatact	nacatecncc	ntnctcagca	antttantnt	cnaccctccc	nctnanganc	540
nnncntancn	anccttntcc	caacnantnt	aacaancntn	accannccan	gntctntnnc	600
tctntccctc	acantacana	aatntctcaa	nanctccccc	acnncanctc	anctnnntng	660
tacaatccac	tcaatctcng	ngcnncccac	cnantcttta	netgggnaac	ctttntctac	720
atactancgc	aanacaatnn	tcgcgntnnt	tctcnnanac	acatctctcc	ncanctnnnc	780
tnatacnact	atcatctntc	atnnncactt	anngaccaa	nntacactng	anacnactac	840
tcgccanttt	cantanctnn	tantatcgct	ngtccactng	catctctanc	atnnntnnac	900
aaaancncnt	ccncnctan	aactntcact	ntcatctanc	tctananact	ntctcnactn	960
accntcttta	taccacaann	ncccnanctn	ntgenctect	catantntnt	ntatncttcc	1020
nntactactn	natntananc	tactactcca	cctcnnacat	ngcttntcat	atncatatcc	1080
tcatecttct	cnnctnnc					1098

<210> 3646
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

<400> 3646						
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gggtgaagact	gcccttcaga	gctgcgggag	atcattgatg	agtgcggggc	ccatgatccc	240
tctgtgcggc	cctctgtgga	tgaaatctta	aagaaactct	ccaccttttc	taagtagtgt	300
atcaaaatct	aaaccaagga	gtctctggac	aagaagctgg	gagaggcaca	aactggacat	360
ctctctctct	catatccttc	ggcattgggt	tatctatggg	agcaaggagt	gggcacgctt	420
ctctgttaca	aatagaaaac	gattccagtc	atacaggaca	catccactcc	aaangatatt	480

ccaggttntg	gccctgtgga	cctgtttcgg	gagctgntgg	aggaagggaa	aggagtgatc	360
ataggcaata	aagagtncga	ggaagaaaag	cgacaggatn	aaaganaggc	nngagaaagc	420
tctgggcatn	ctgacatacc	tgggccaanag	tgcacngag	gcacagactn	aacccccctg	480
gtaccagctt	ccccagggc	gagggggccc	cccggccngt	ccagccccag	atganangat	540
caagancctc	tggaccctct	gcgggagatg	cataagcatc	tggngaagaa	gagacagnac	600
ggcgggtgatn	aangcagtnn	cagctnaaag	gaaaaggacg	ggtctnagaa	gcattaccca	660
aggagccttc	atacnttgac	cagcttngaa	cttgaaccgt	ntgctgaggg	aaatcagctg	720
tatangtctc	nggcataagc	ccctgctggc	cccnggttcc	aaagcccngg	cacttacang	780
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<210> 3643

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 3643

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gtncggaaca	nggacaatgt	ngnccgcntg	cggngtgacg	aggcccaggc	ccggnaggag	180
gagaaggagc	gtgagcggag	ggtgctgntg	gctcancaag	aggcccgtnc	anaattccta	240
cngaagaaag	ccanacatca	gaactcactg	cctgagcttg	aagcagcaga	ggcgggagcc	300
ccaggttntg	gccctgtgga	cctgtttcgg	gagctgntgg	aggaagggaa	aggagtgatc	360
ataggcaata	aagagtncga	ggaagaaaag	cgacaggatn	aaaganaggc	nngagaaagc	420
tctgggcatn	ctgacatacc	tgggccaanag	tgcacngag	gcacagactn	aacccccctg	480
gtaccagctt	ccccagggc	gagggggccc	cccggccngt	ccagccccag	atganangat	540
caagancctc	tggaccctct	gcgggagatg	cataagcatc	tggngaagaa	gagacagnac	600
ggcgggtgatn	aangcagtnn	cagctnaaag	gaaaaggacg	ggtctnagaa	gcattaccca	660
aggagccttc	atacnttgac	cagcttngaa	cttgaaccgt	ntgctgaggg	aaatcagctg	720
tatangtctc	nggcataagc	ccctgctggc	cccnggttcc	aaagcccngg	cacttacang	780
gagggnt						787

<210> 3644

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3644

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cttggacttg	acgtctccaa	cctgtcccag	tatttcagcc	cagcctcggt	gtccagcagc	180
ccggcccgcg	cgctcctgct	ggtcggcgct	gtcctcctgg	cctactgggt	cttgctcctg	240
accctgggct	tacttttcag	cgtcctgcac	gtgggtgttcg	gccgcttctt	ctggatcgtg	300
cgggtcgtcc	tgttttccat	gtcctgcgtg	tacatcctgc	acaagtacga	gggcgagccg	360
gagaacgcgg	tgctgccgct	gtgcttcgtg	gtggccgtct	acttcatgac	cgggcccctg	420
ggcttctact	ggcgaagcag	tcccagcggc	cccagcaacc	ccagcaaccc	cagcgtggag	480
gagaagctgg	agcacctgga	gaagcaggtc	agactgctca	acatccgtct	caaccgggtg	540

aaaacacatt	tataacttgt	ggatcaaaaa	agtcatagaa	cttagacaat	acttgggaact	300
gaatgtaaat	acaaatgcta	ttaaattttg	tagtatgcag	ttaaacagga	cttgatatacg	360
catttatata	tctaaatgca	tgtattagta	aagaaaaaca	aatagaaaat	taagtttcca	420
actgaaaaag	ttagagaaca	acagatccat	cagaggaagt	agacagaagt	tataaagagt	480
tataaaggta	accaggcatg	gtggtgcaca	ccctatagcc	ctagctactc	ngnangnnnn	540
gnnggtnncn	aggnttgctt	gnncncnnga	atccnacngt	ccnnncngnc	cnattgatcg	600
gcnnctgcnc	aatngnnctn	cttctancct	cacccctngg	tcnaccatan	ggnganncan	660
nncatactcn	tengcacanc	ctatttcttc	nananggtng	gntcctccnn	nnnatcttnc	720
ncnnctcttc	anctancttn	ncatntttnc	tanntcnant	cctccatatt	ncnncttenc	780
ccnactactc	gntnacgnct	cnnctttctn	caanannngn	gancctntna	nnngncaaca	840
tnctctngtn	ccnncnctn	nnctnnntnn	ncnnccttct	nnctctctnt	ttcnnngcan	900
annccanntn	ngnctctntn	ntct				924

<210> 3641

<211> 868

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(868)

<223> n = A,T,C or G

<400> 3641

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aacgtcattt	tacccatgtg	ccagcgacaa	ggtagattcg	cttgtnccaa	ttttgcacat	120
aaggaaacag	ccttagagag	gttaggttgc	ttgtgcaagc	ccagggtagg	tggcaccocag	180
tctgccagtc	tgcaacgcac	tggtatcttn	cagccagtag	accttgctcc	ctgggtgccc	240
agttctggat	ctcaggaaan	gtggattaag	gctcctagtg	gcgggacctg	gggtggggatt	300
tgctgccctc	tggtggcaga	agggacatca	ccctgggtgt	gagacttggt	ggcatctgtg	360
aggcgttctt	ttcatccnan	ggaagccgga	cctcaaactc	gacctcagcc	ccaggaagggt	420
gccancanga	nggtgccacc	tangagggtg	ccaccagggt	tccgccnggg	tctgctgggg	480
ccctgctcca	tcttganncc	tgtnnnngcc	ccctgagccn	atctgncctt	ntctctctct	540
actgtctggg	ntttganncc	tgtnnnngcc	ccctgagccn	atctgncctt	ntctctctct	600
tggggccccc	canntttccc	nttttcantt	tannanttct	ncnnanttna	ttaanncttc	660
cnggggccaa	actntatnct	taggaaacnt	ncactnccctn	annaatttta	atttatnttc	720
tacacttcaa	ctctnccatc	tnnnaactgc	ctnnacncna	atntatttct	tnctnnnnct	780
ccnctntcta	natcatcnnn	tctatctctc	tatatnntca	ctnnnctnat	nanaaaaact	840
anncngtgcg	tctttcntta	gaacnctt				868

<210> 3642

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 3642

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gtncggaaca	nggacaatgt	ngnccgcntg	cggngtgacg	aggcccaggc	ccggnaggag	180
gagaaggagc	gtgagcggag	gggtgctgntg	gctcancaag	aggcccgtnc	anaattccta	240
cngaagaaag	ccanacatca	gaactcactg	cctgagcttg	aagcagcaga	ggcgggagcc	300

gggtngttcc	nactgggagc	anangaagcc	ttgaggacct	actcacanat	angaattgaa	180
gattatcttn	aaaacaatct	tccactantt	ctgacnatac	ttggagcctg	ntccacgtgc	240
atnccacctt	gggaagcctc	tncaaagagc	tttcngagct	nacactgaca	gntncanttt	300
ccncanaaac	ccacnatagc	ctngctgngt	ctgtctnccc	ggcangagtc	catnctcact	360
gccgggacac	tcatnacant	ctccacgntc	tnctctcttc	cancctgnat	ggagcctccn	420
nggctnnnga	acgntnccca	agtcaatnct	cacnnatncc	ngnagctgcc	tntnagcact	480
nntcttggcc	canctccctc	cttgacanaa	tcatnaccca	ncatgaencc	cactnngcca	540
tnccnntcna	canttttttn	tentcattnc	atnttntctn	cccatngnna	cntcnnaacc	600
nnctagtana	ccccancant	ctcgnnatct	ncncaaccng	nncancnana	cntttgntct	660
ttntncnmtn	tgatcntcca	cctnntcttn	tctnncnatn	tncaataatc	ntaatctcta	720
nacatnctac	tcttaaacnt	ccnttnctta	nnttcccaca	catctgttna	tacntatccc	780
tncttnccca	tgntntnnat	ctcanntccc	cnnngcctnn	annatnttac	tcagccctnt	840
cctttatnna	nntcnntnca	ccnccggnagt	nnnnccatan	cnnanatttn	nncancacan	900
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<210> 3639

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 3639

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accaaacaac	gttccttctg	tgcccagtc	tagtattcaa	aggaacccta	ctgccagtgc	180
tgcaccattg	ggaacaacac	ttgctgtgca	ggctgttcca	acagcacact	ctattgtaca	240
agccacaagg	acttctttac	ccacagtggg	cccatcagga	ctctatagtc	catcaactaa	300
tcgaggtcct	atacagatga	aaattccaat	ttctgcattt	agtacttcgt	ctgctgcaga	360
acagatccct	aataccaccc	caagaattga	aaaccagaca	aacaaaacaa	tagatgcttc	420
tgtaagtaag	aaagcagctg	atagcacatc	acagtgtgga	aaagccactg	gcagtgattc	480
aagtgggtgc	attgatctca	caatggatga	tgaagagagt	ggagcttcac	aagaccccaa	540
aaaactaaat	cacactcctg	tatcaaccat	gagttcttct	cagcctgtgt	cacgaccatt	600
gcaacccata	caaccagcac	cgnetcttca	accatctggg	gtgccaacaa	gtggaccatc	660
ntcagaccac	catacactta	ctacctacag	cttcaactac	ccngaatgt	aacacatcgt	720
ccagtaactc	angtgaccca	caagaatncc	ctgtaccaag	agctccttnn	aaaccaccan	780
n						781

<210> 3640

<211> 924

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(924)

<223> n = A,T,C or G

<400> 3640

ctaacnaatt	antgngnang	ctcgtncttn	ccgaacnana	nnggcggggg	cgaattcggc	60
acgagattta	gtcactagct	ataatacatt	tagtgaacaa	atgtagtctt	gcactaaaat	120
tagagaatac	ctatcctttt	caagaatata	taaaataatg	accatatata	taccacagag	180
taagctgcaa	ccaattctag	ataacttaaa	tacagaccat	gtttggaaat	ttaagaaaaa	240

<222> (1) ... (770)

<223> n = A,T,C or G

<400> 3636

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ttcaccatgt	tggccaggat	ggtcttcaac	ttctaacttc	gtgatccacg	ctgctgggat	120
tacaggtgtg	agccaccgcg	tgtggcctct	gggcaccttt	tgaagctgaa	gcagagagag	180
aaggcggcag	gcatcagcgt	tttcttctat	gaacttataa	gatcaaagac	tttaagactt	240
tcactatttc	ttctaccgct	atctactacg	aacttcaaag	aggaaccagg	agtacggaag	300
gagcatgaaa	gtggacaagg	aacgtgacca	ttgaagcacc	acagggaggg	gttcaggcct	360
ccggatgact	gcaggcaggc	ctgggtaaca	tccagcctcc	cacaagaagc	tgggtggagca	420
gagcgttccc	tgactcctcc	aaggaaagga	gactcccttt	cccgggtctgc	tcagtaacgg	480
gtgccttccc	agacactggc	gttaccgctt	gaccaagggg	ccctcaagcg	gcccttatgc	540
gggcatgaca	gaaggctccc	ctcttgccct	ctattcactt	ctcacaatgt	cccttcagca	600
cctgacccta	tacctgccgg	ttattcctag	gttatattat	taatgcaaca	gagtaatatt	660
aaaagcta	gattaataat	gtttataata	atgatggata	attggttcat	gatcatcgct	720
gtatctaatt	tgnattatga	ctatncttat	tctattntct	ttatatactn		770

<210> 3637

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (770)

<223> n = A,T,C or G

<400> 3637

tnacnaatta	ntntgctctc	gtncctttccg	naanaannng	gcgnntcggt	gagacggagt	60
ttcaccatgt	tggccaggat	ggtcttcaac	ttctaacttc	gtgatccacg	ctgctgggat	120
tacaggtgtg	agccaccgcg	tgtggcctct	gggcaccttt	tgaagctgaa	gcagagagag	180
aaggcggcag	gcatcagcgt	tttcttctat	gaacttataa	gatcaaagac	tttaagactt	240
tcactatttc	ttctaccgct	atctactacg	aacttcaaag	aggaaccagg	agtacggaag	300
gagcatgaaa	gtggacaagg	aacgtgacca	ttgaagcacc	acagggaggg	gttcaggcct	360
ccggatgact	gcaggcaggc	ctgggtaaca	tccagcctcc	cacaagaagc	tgggtggagca	420
gagcgttccc	tgactcctcc	aaggaaagga	gactcccttt	cccgggtctgc	tcagtaacgg	480
gtgccttccc	agacactggc	gttaccgctt	gaccaagggg	ccctcaagcg	gcccttatgc	540
gggcatgaca	gaaggctccc	ctcttgccct	ctattcactt	ctcacaatgt	cccttcagca	600
cctgacccta	tacctgccgg	ttattcctag	gttatattat	taatgcaaca	gagtaatatt	660
aaaagcta	gattaataat	gtttataata	atgatggata	attggttcat	gatcatcgct	720
gtatctaatt	tgnattatga	ctatncttat	tctattntct	ttatatactn		770

<210> 3638

<211> 928

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (928)

<223> n = A,T,C or G

<400> 3638

ctaannatta	attanntagc	ctaaatngcn	naacnntgnt	tnngcttngg	gcccaancat	60
ggnnctnnt	aagtaagatn	tntnnnnngg	agctgganaa	tcagnactgt	cccagccgat	120

<400> 3634

ctaccgcctt	atgntatcgn	ncttttcenna	anananangc	tnggcgaatt	eggcacgagg	60
atctatctct	tctccctgcc	cattaaggaa	tcagagatca	ttgatttctt	cctggggggcc	120
tctctcaagg	atgaggtttt	gaagattatg	ccagtgcaga	agtcnnance	ncecccccnc	180
cnctcnnca	cnccctcnc	ncnttctnn	ntccccctc	cnnttcenn	cnnnnnnct	240
nancanencn	ctnacncnt	cncnctcnn	cncccccna	ncncccnacn	ccaaccnnnn	300
cnnnnnnnnc	ncaccanccc	tnntnncccc	ncnnatntnc	tcnancnt	acnncnctn	360
ttccntctc	tcnncntnc	cncnctttn	cacnctctc	ntaccctcnc	netnctccc	420
nnnnnnnncc	ccntctann	acnctannc	acccccccnn	atacanctcn	cnccnccnt	480
tcnccccnnc	ntcanntcnn	tnntccnnc	tnnnnccctc	ncnnnttttn	nantccaanc	540
nacnnccnnt	ncntcttct	ntatcncnc	cttaccctcc	tcctactcn	ctctcncctc	600
cncctctccc	tcnncctcnc	ctnnctctc	nnnanctctc	ctcnccccc	cncactttcc	660
anccttctnn	ncacacccat	tcnntacac	nnnnnnnncc	ctnnccctcnc	cacnnntct	720
cncnctctc	ncnnanncnn	netncannac	ncnncctcnc	ctctannann	cncnnnnnn	780
ncnccnctc	cncncatctc	tnntctctc	cntntncnc	tctcnntntt	ctntcnnnc	840
acnacttcc	actnntcnc	cctcctann	ncanctcnn	tctnccccc	acnatnatnn	900
accnccccnc	tnatcnnnn	tnatccccctc	tctcncctc	nttcannnc	cacnacttcc	960
ctccnnntn	ctatcncant	cnttcacnc	netcttccnc	tnatatntn	ntacnctcnc	1020
ctctcacctt	cacatcatna	tacnacnaca	cntctatnna	nnctcncnct	ctancnctnn	1080
ntacnnccan	nnnnnnctnc	accnnctcc	tttccnctc	tctctnctnn	catctnnnt	1140
nantctntca	ntctctntc	ntnctctnn	actctnncnc	netnncacna	ctntctatnc	1200
nnccacnaat	cancatcnc	cctctctnnc	cntctntctn	nnctctntac	tnancacatn	1260
tnctcncntc	tctccct					1278

<210> 3635

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 3635

gnnnttnnan	ncnnnttnc	aatngctag	gctactngtt	ctttttgcag	gatcccatcg	60
attcgaattc	ggcacgaggc	tgtttcctca	agaaaatgaa	gaggggaagga	tggctcangg	120
aaagttaatc	agagggaaaa	tgtcactctg	tanagagtaa	aanatttang	atgatgatac	180
gatctgggaa	aaaanggcac	agtgaanacc	acttaaanac	aaactgaanc	ctatgaaggc	240
gcatgctatt	ccccagagc	tgaaaagata	agtgaaatng	tgtatgaact	cttaagtggc	300
ggtgaagcag	aattttattag	ccaccaacca	cataagtgat	tatgaagtaa	ctgagaaaca	360
ggtaacattt	tttcccatat	ggacaaaact	ttctctttct	agaatattaa	gtctctatga	420
tgagaaatga	agtagcatct	caagcagttt	ataaatctac	canaatatta	gaatcacctg	480
ggacctttga	acgtactcat	gccagggtct	actntattca	tttattnttt	tgtnnagatg	540
gggacttcaa	ctcctggtct	caaatgatcc	tnccacctcg	gcctcctaaa	gtgtgaggat	600
tacaggcgtg	agccctgtgg	ccagccctac	taggtctgct	ttggaccaat	taaatcaatc	660
tctgggggtg	gaacctgggc	tttaagtatt	tttaaaaatt	ttcctaggtg	ggtctaatta	720
atactcggat	tgagaaccct	gctacacatg	gaatnttatt	cc		762

<210> 3636

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

ttactccagt	gcttatnnca	ttatctagca	gaatgtacct	tcattngatc	cactatttac	180
cantgattaa	agtggagcng	tcngtggagt	tatacgnnac	tnngnagact	tntgtctanc	240
gaaatacann	anacaaccnc	anaggaccat	aantttnatg	cctatagaac	atnnnangaa	300
acaggagcag	gatcntngtc	tataatatan	caaacttgnt	tnnacatacc	tancnacaac	360
ctacaaatgc	tcttanaacc	ancctanctn	antgctnecn	agtttttncn	ggntnaactc	420
cnactnttng	gngcaantgc	aggntcacnt	anctncnatt	cccnantgna	naaactnnnn	480
ccccnnanan	ctntntntnta	gctcannnct	ctttaacnac	ntnnnnnatnc	ntnttannat	540
cagccaggnc	accnacanta	nttcanttcn	ttnnccaatc	annactgnaa	tntnnncnctt	600
nnctntttnc	ncttctnnct	aacatcacgg	ctatncgcnt	aaatnttcta	cactcacggg	660
tgananactc	ggctnncan	tctncgggag	nectatacctn	tcgcnnnnca	cagtntgcgn	720
tatnncncaa	taagaanaan	atctncnctc	nnananantc	nccnttcctn	aaccannaca	780
nnntgnntct	catnnacnnt	ncgtaangen	agtacnegen	tantcancat	actnacatan	840
nagtntatcn	aactntncnc	ttctntnanc	tanacnagtn	tcacncttnc	ntatanaact	900
cntattanac	tcnacnngc	tectnngnga	tngtntcttc	tatnganann	nnnncannnc	960
tanngnnnat	nactccgaen	gtacacctat	ataatagant	ctntacncct	ctattcatca	1020
gatnnanttc	tcanagantt	nnnnntaaca	ttatncncac	tanacnatgn	tcancctna	1080
nactcggmnc	nectacacntn	ctacnccatc	tcnagcntnn	tacttctcac	aannnancct	1140
nectntacncn	ntacanatan	tatcacanat	ccnecnaant	ntntntncnt	cntagnngta	1200
canactnncan	tctatntcta	cnnataaata	tntcctatcn	nectcanatcn	cncntntant	1260
cngntacgmn	tntcgcannc	nectcctcatc	ntntcngnac	ncnt		1304

<210> 3633

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (732)

<223> n = A,T,C or G

<400> 3633

cnaaatncct	gctacttttg	atttccngna	ggatcccac	gattcgccga	tttacagatt	60
gaagcggtaa	attagtgggt	ttatgggtatt	tctgtaaaaca	gggataaagt	ggaccctgac	120
aaattcaata	ttgtctgaag	agacaatcta	ttctgggttct	gttggaacttc	agggtatttt	180
tctttttttg	taaaatgaaa	actacaaaga	aacctgactt	ttcaattttt	tatacatgta	240
attttctaga	aatctaggaa	gtcattttaca	cataccttata	taccatgagg	ggcaaaagta	300
agctttcttc	ctcccaaagc	aaaactcttt	ttccttaagg	agctggaatg	ccaccttgaa	360
attctgagtt	ttgagctttc	agtcattttt	tggctggaat	agggtgggtga	aatttccctaa	420
gtctgctctg	tgatgtncct	ctgaagggat	gcancatgaa	ccattgggtcc	ctttatgcga	480
tcatgtcccg	ggctgcactn	acanggtttg	gggcanaaaa	aanccaaaca	tttcacccac	540
aggcaagctt	gcttntcggg	aacccccnaa	gctgggtcct	gcgacagaat	ttggtnaagg	600
acccttnacc	gnnttggtcac	tggctgcatt	tgnggccaan	accccccccc	gcetnattnn	660
gaggatttta	aaatttggan	tgggttggtc	ggccttgac	ttccgnanct	tatgcctaaa	720
aaaaattttc	ct					732

<210> 3634

<211> 1278

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1278)

<223> n = A,T,C or G

<222> (1)...(750)

<223> n = A,T,C or G

<400> 3630

agtgtnnnct	ttgaaacctt	atgctcggta	tagctgggct	ttttgcagga	tcccatcgat	60
tcgaattcgg	cacgagagca	tgccctaaag	agggaccagc	tgtagtaggt	cagttttattc	120
aagatgtcaa	gaactcaagg	tctacagatt	ccattcgtct	cttagctcta	ctttctcttg	180
gagaagtgtg	gcatcatatt	gacttaagtg	gacagttgga	actaaaatct	gtaataactag	240
aagctttctc	atctcctagt	gaagaagtca	aatcagctgc	atcctatgca	ttaggcagca	300
ttagtgtggg	caaccttcct	gaatatctgc	cgtttgcct	gcaagaaata	actagtcaac	360
ccaaaaggca	gtatctttta	cttcattcct	tgaaggaaat	tattagctct	gcatcagtgg	420
tgggccttaa	accatatgtt	gaaaacatct	gggccttatt	actaaagcac	tgtgagtgtg	480
cagaggaagg	aaccagaaat	gttggttgctg	aatgtctagg	aaaactcact	ctaattgatc	540
cagaaactct	ccttccacgg	cttaaggggt	acttgatc	aggctcatca	tatgcccgaa	600
gctcaatggt	tacggctgtg	aaattttacaa	tttctgacca	ttcacaacct	attgatccac	660
tgttaaagaa	ctgcataggt	gatttcctaa	aaactttgga	agaccagat	tggaatgtga	720
gaagagtaac	ccttggtcac	atttaattcn				750

<210> 3631

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 3631

agnnnnnnn	ttttanctaa	tgctgggcta	ctngttcttt	ttgcaggatc	ccatcgattc	60
gaattcggca	cgagagcatg	ccctaaagag	ggaccagctg	tagtaggtca	gtttattcaa	120
gatgtcaaga	actcaaggct	tacagattcc	attcgtctct	tagctctact	ttctcttgga	180
gaagtgtggc	atcatattga	cttaagtggg	cagttggaac	taaaatctgt	aataactagaa	240
gctttctcat	ctcctagtga	agaagtcaaa	tcagctgcat	cctatgcatt	aggcagcatt	300
agtgtgggca	accttcctga	atatctgccg	tttgctctgc	aagaaataac	tagtcaaccc	360
aaaaggcagt	atcttttact	tcattccttg	aaggaaatta	ttagctctgc	atcagtgggtg	420
ggccttaaac	catatgttga	aaacatctgg	gccttattac	taaagcactg	tgagtgtgca	480
gaggaaggaa	ccagaaatgt	tggtgctgaa	tgtctaggaa	aactcactct	aattgatcca	540
gaaactctcc	ttccacggct	taaggggtac	ttgatatcan	gctcatcata	tgcccgaagc	600
tcaatgggta	cggctgtgaa	atttacaatt	tctgaccatt	cacaacctat	tgatccactg	660
ttaaagaact	gcatangtga	tttcctaaaa	actttggaag	accagatttt	gnatgtgaga	720
agagtacctt	ggtcacattt	aattt				745

<210> 3632

<211> 1304

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1304)

<223> n = A,T,C or G

<400> 3632

gnnagcgttc	ncncttntng	gaaacctttt	cnaantngct	ggggaacncc	gaaatcgcn	60
nnagggtcgc	natgcganc	gcaaagtc	accaaactt	cacttaagta	gtccctattt	120

<211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (743)
 <223> n = A,T,C or G

<400> 3628

agagnnnnnt	tntancta	at	gctggnatag	ctgggctttt	tgcaggatcc	catcgattcg	60
aattcggcac	gagcttgatt	aggtcttttag	gggccgaggg	actagccagc	tgcacagggtg		120
actggatggg	ggaggggcan	gtgaggtggg	tctacagagg	tggcttcgcc	tttgaccttc		180
atgctggtct	cggctgaggt	gacacgctag	tgacagccca	ataggggggt	acccttattg		240
agtaaaatac	ttcagattga	cagctcaatc	ttagtttgcc	tccagttaat	cttttatgct		300
tagggattaa	atgtgtggtt	ttttntttgt	nnnnnttttt	tggagacgga	ntctcgntct		360
gtcaccang	ctggagtga	gtggcgcgat	ctcggntcac	tgcaacctct	gcctcctggg		420
ttcaaacgat	tctcctgcct	cancctccca	agtagctggg	attataggcg	cccaccacca		480
tgcctggcta	gntttttatt	nttagtanan	atgggggttc	accntgttg	gccaggctgg		540
tctcgaactc	ctgacctgct	ngatctaccc	acctnggntc	cccaagtgtc	gggattacag		600
gcgtgagcta	acatgcctgg	ccaggggatt	aaaatattca	aacatgttgn	gtgtaccag		660
atatgctgnt	aatttangaa	aaacagtnca	atctctatga	aatgggtggg	gactatttnc		720
tgtantcaat	acattnggga	tat					743

<210> 3629
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (749)
 <223> n = A,T,C or G

<400> 3629

agagnnnnnn	ttgtanctaa	tgctggntna	ntctgtntct	tttgcaggna	tcccatcgat	60
tcgaattcgg	cacgagcttg	attaggtctt	tagggggccga	gggactagcc	agctgcacag	120
gtgactggat	gggggagggg	caggtgaggt	gggtctacag	aggtggcttc	gcctttgacc	180
ttcatgctgg	tctcggctga	ggtgacacgc	tagtgacagc	ccaatagggg	gttaccctta	240
ttgagtaaaa	tacttcagat	tgacagctca	atcttagttt	gcctccagtt	aatcttttat	300
gcttagggat	taaatgtgtg	gttttttttt	tgtttntttt	ttttggagac	ggagtctcgc	360
tctgtcacc	aggctggagt	gcagtggcgc	cgatctcggc	tcactgcaac	ctctgcctcc	420
tgggttcaaa	cgattctcct	gcctcagcct	cccaagtagc	tgggattata	ggcgcccacc	480
accatgcctg	gctagttttt	tatttttagt	agaatggggg	ttcaccctg	ttggccaggc	540
tgggtctgaa	ctcctgacct	cgtggatcta	cccacttggc	ctcccaatgc	tgggattaca	600
ggcgtgagct	ancatgcctg	gccagggatt	aaaaatattc	aaacatgttg	ggtgtaccca	660
aaatatgcct	ggtaatttag	gaaaaacagt	ccaatttcta	tgaaatgggt	tgggactatt	720
ttctgtagtc	aataccaatg	gggatattct				749

<210> 3630
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

ttcaagaaat	gttgccctgg	ttcacctgat	attgacaaac	tgggacgttt	gccacaatga	600
cagagtattt	aaantttgag	aagagtagtt	caatctctcg	anatggagcc	tttcaagttg	660
gaagatatgg	ggnaatntaa	tttagcaatg	atttcaganc	cttataatcc	anggtttcag	720
atccngagag	agtgnattac	aagtt				745

<210> 3626
 <211> 735
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(735)
 <223> n = A,T,C or G

<400> 3626						
agtnnttntt	tntgactent	tgtctggnnna	gcgggctttt	tgcaggaccc	atcgattcga	60
attcgggcacg	agccccaccc	attagttntg	tgggcctgcc	caacaccttc	ctgggttcac	120
atccggccag	acaagaaaga	agccaaaaaa	ctttccgtct	accactgcgc	ctcctcatgc	180
ccaccccatc	ctattagcct	aaaatggaac	gggctaatta	gtttatttgt	atagggaggg	240
gtttcagctg	cctggacaaa	accaggagtc	cactgtccaa	gcttcttctg	ttttcctgag	300
ctcagaagaa	aaaaagtgtg	ttagactaag	ataataccgc	cttttgaata	tctcggcttc	360
atatttgctc	ccatgagtga	gagggccaag	tggtatctgc	aagttgaatc	ttctatatcc	420
aaaaatctcc	atcccttttt	tctgccagcg	cattcccaga	tcagccgttc	acttgctcta	480
agcctctata	atctatgatt	ttcttttctc	tttaacctgc	tctttccatt	ggccagttta	540
ttcattttctc	agctacagct	tcagaggggc	tcaccttcng	gcttccgncc	caagggcatc	600
tggaggcttc	agttctgntt	tctctgctga	gtcaggagcc	agcccacttg	atttggtccc	660
cgtgtatctt	tgngtctctg	ctcantctnc	tgctagtgtg	ccttgggtgc	ctcatcaatc	720
tctttccatc	ctggg					735

<210> 3627
 <211> 741
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(741)
 <223> n = A,T,C or G

<400> 3627						
agagnnnnnn	ttttngncta	atgctggntt	actcgggctt	tttgcaggta	gcccancgat	60
tcgaattcgg	cacgagcccc	accattagt	taggtgggcc	tgcccaacac	cttcctgggt	120
tcacatccgg	ccagacaaga	aagaagccaa	aaaactttcc	gtctaccact	gcgcctcctc	180
atgcccaccc	catcctatta	gcctaaaatg	gaacgggcta	attagtttat	ttgtataggg	240
aggggtttca	gctgcctgga	caaaaaccagg	agtccactgt	ccaagcttct	tctgttttcc	300
tgagctcaga	agaaaaaaag	tgtgttagac	taagataata	ccgccttttg	aatatctcgg	360
cttcataattt	gcctccatga	gtgagagggc	caagtgttat	ctgcaagttg	aatcttctat	420
attcaaaaaat	ctccatccct	tttttctgcc	agcgcatctc	cagatcaagc	cgttcacttg	480
ctctaagcct	ctataattta	ttgttttctt	ttctctttaa	cctgctcttt	ccattggcca	540
gtttattcat	ttctcagcta	cagcttcaga	ggggctcacc	ttcgggcttc	ccgccccaa	600
ggcatctgga	ggcttcagtt	ctgntntctc	tgctgagtca	ggagccaggc	ccagcttgat	660
ttggctcccg	tgtatctttg	ngncnctgct	cantctctgc	tantgtgcct	nggggtgcctc	720
atcaatctct	tccatcctgn	g				741

<210> 3628

tgccgagcga	ggccgggggc	caggcgggga	ccggcagggg	cccgggagt	gcgggcacgc	240
cagggtcagg	gtgccgggcg	agggaggggg	cccgggggtg	gggaaggggg	cccggggagg	300
gaggtaaaca	gccctgcagg	cctcggggca	ccgttgctgg	gcggcgccgg	cggcatgtgc	360
gagggcccg	cccgcatctc	ggggcccatc	ccccagacc	gacgtctctg	cctgacaact	420
acaggcggcc	gactcggctc	aagggcgcct	cgagggaac	gcgtggaact	ggacttgctg	480
acttncgacg	ggccctggaa	ccacgtcccc	gtggcccttg	catcggtccc	ggtgccggag	540
agatcctgga	gcgcggccac	gcggccgtcg	gggacgtgct	gttgcaactc	aggggggatc	600
tncctaggtc	ctggggcctc	ttntcaagan	gaaggacct	taaggaccat	gagaaggaga	660
acctgagccg	gatcaaggga	gatttaanaa	acctttaaaa	gaacanganc	cccaaccng	720
gganccaagg	ccaagccaag	gccccttna				749

<210> 3624

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (740)

<223> n = A,T,C or G

<400> 3624

agagnnnnnn	ttgtanctna	tgetggnnnta	gcgtncctttt	tgcaggatcc	catcgattcg	60
aattcggcac	gaggcctccc	gacccccct	ctccccctcc	ccacctatcg	tcattgacggc	120
ctctccggat	tacttggtgg	tgttttttgg	gatcactgct	ggggccaccg	gggccaagct	180
aggctcggat	gagaaggagt	tgatcctgct	gttctggaaa	gtcgtggatc	tggccaacaa	240
gaagggtgga	cagttgcacg	aagtgttagt	tagaccggat	cagttggaac	tgacggaggga	300
ctgcaaagaa	gaaactaaaa	tagacgtcga	aagcctgtcc	tcggcgctcg	agctggacca	360
agccctccga	cagtttaacc	agtcagttag	caatgaactg	aatattggag	tagggacttc	420
cttctgtctc	tgtactgatg	ggcagcttca	tgtcaggcaa	atcctgcac	ctgaggcttc	480
caagaagaat	gtactattac	ctgaatgctt	ctattccttt	tttgatcttc	gaaaagaatt	540
caagaaatgt	tgccctgggt	cacctgat	tgacaaatgg	gacgttgcca	caatgacagg	600
agtattttaa	ttttgagaag	agtagttcaa	tctctcgata	tggagcctct	caagttgaag	660
atatggggaa	tataatttta	gcaatgattt	caganccttat	aatcacagg	ttcagatcca	720
gagagagtgg	attncaagtt					740

<210> 3625

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (745)

<223> n = A,T,C or G

<400> 3625

agtnnttnnn	tnangaatcc	ttgetggnnn	cgcgtggctt	tntgcaggtn	gcccatcgat	60
tcgaattcgg	cacgaggcct	cccgaccct	tttctcccc	tccccaccta	tcgtcatgac	120
ggcctctccg	gattacttgg	tggtgctttt	tgggatcact	gctggggcca	ccggggccaa	180
gctaggctcg	gatgagaagg	agttgatcct	gctgttctgg	aaagtcngg	atctggccaa	240
caagaagggtg	ggacagttgc	acgaagtgt	agttagaccg	gatcagttgg	aactgacgga	300
ggactgcaaa	gaagaaacta	aaatagacgt	cgaaagcctg	tcctcggcgt	cgcagctgga	360
ccaagccctc	cgacagttta	accagtcagt	gagcaatgaa	ctgaatattg	gagtagggac	420
ttccttctgt	ctctgtactg	atgggcagct	tcattgtcagg	caaatcctgc	atcctgaggc	480
tnccangaag	aatgtactat	tacctgaatg	cttntattcc	ttttttgact	tcgaaaagaa	540

tggnnnttttg	aaattncntt	agggcctgct	cttttcnaat	cngtnggacc	catcgattcg	60
tcctattttta	cggtggttgtt	gagaggatcc	gatggaatga	ctagctgaaa	gtgtttgttaa	120
aagtcaggat	aagtaaagca	atgctgcagg	aacaaacaat	ccccaattt	cagcagctta	180
ctacaaaaaa	atatgtattt	ctcactcatg	ttcatgtcca	atgtgtgtta	gcaaggagat	240
actgtctctc	acagtcacgc	aagaccctt	gctggggaag	ctgcacctnc	atatatgctt	300
ctaccatcac	cagggcagag	gagagggagc	atggtggatc	atcactggct	cttaagactt	360
tacttgngng	acatatgtna	cctntactca	tggntnatnn	ggccaaccaa	ttacatgggc	420
atagnctnac	tttaaaaagg	gcaggagaag	tgcaaaactta	tcatgggccc	caaggagaag	480
agaatcanag	tattttctgaa	cagntttaat	ttttggccag	accttgaaag	tncttaagaa	540
attagcttcc	aaaaaatatt	atggaatatt	tttcaattct	tccaaagcca	gcctggtant	600
ttnggattca	ccaaccggga	aagggtccctg	gnaacttctt	aaaacttggc	nagggggaggc	660
cttttacctt	ggaatggtn	aannaaattt	anctcnattn	aaantttcaa	accaaggggt	720
caaaaattcc	aaccgaatgt	tnanccaant	ggggncccca	aacctttgaa	accccnngng	780
nncccncttt	nacttaagct	tacttgnnnn	accngaactg	ggnnnaaaan	ntnntcccn	839

<210> 3622

<211> 874

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(874)

<223> n = A,T,C or G

<400> 3622

tnnnnnnnnn	aagagnnnnn	ntttgaanct	aatgctgggc	tacttgttct	ttttgcagga	60
tcccatcgat	tcgaattcgg	cacgaggcgg	ctggcggaac	aacctctcga	tgagccctcg	120
cccgatgccg	cgggggagag	gccngacgg	gaccgagaag	tgggctggga	gcagaggctg	180
cggatgtggc	nagcagggcc	ggggcccatg	cngggaccgg	aaggggccc	ggagtggcng	240
gcacgccagg	gtcaggggtg	cggncgaggg	anggggccc	gggttnggga	aggggncng	300
gtgagggagg	ttaaacagcc	ttgcaggcct	nngggnaccg	atgttggaag	gcncngcng	360
natgtgcgag	ggcccgctcc	gcacctcggg	gcccaccccc	acatacngac	gctctgtcct	420
gacaactnca	tgctgccgac	tcngctcaag	ggcgccctcga	tggaaccgc	tgaactggac	480
ttgctgactt	ccnaccggcc	ctggacacna	ncngtgcnc	tnggccctcg	gcattangtc	540
cngngggccn	gaaaaggatn	ctggnagnnc	cggtnacagc	ccngcctttc	ggngacntn	600
ncttnnntgc	naacttcgag	ggggggatct	taaccttaag	gttccctggg	gngccctttt	660
ttttaaaaga	nnggaaaagg	gacnccctta	angggncccc	nttgaaaaaa	agggatntaa	720
accttggan	ggcccgggg	tncaannngg	aaagaaattt	tcaaaaaaan	cctcnttttt	780
taaaaaaaaa	aaccnnggg	aaacnctntt	tanccccnng	ggnaanncct	anggggggnc	840
caantncccc	aaaagggncc	ccccctttgn	aaaa			874

<210> 3623

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3623

agagnnttnn	tnnttgactt	tnatgcttgg	tctactngtt	ctttttgcan	gatcccatcg	60
attcgaaattc	ggcacgcagg	tnngatcctg	cactcnnttt	annagaccct	tgncnnaatg	120
ccntgnngga	gaggccngga	gcgggaccga	gaagtgggct	gggagcagag	gtcgcggagg	180

<400> 3619

cnaaatacng	gtacntatct	tcncaaaggn	nnctanntng	ccctaaanan	aatngngtnn	60
gggggttang	nccattttga	tgttacagga	tacttgtaag	tgactttttg	ccattctctt	120
ttgttaccca	tgccctttgt	caccccttg	aatatctctt	ttactcagtt	ctcactttct	180
gttggtgaca	tacttggtga	catgtgccac	cantccatga	aatgaaatac	catatcttcc	240
ttgtgtngat	atnacttttg	tgagtattta	agacatatat	nntnaacnaa	tgtaaaactt	300
nnnaaatnga	ttctcttctc	atnaaaaaac	atttaaagg	aacattnana	atatnctnnn	360
nacntttctc	tgaagacctt	acnattttcta	ttacttcaaa	actcccnnta	natcancctt	420
ctactacnag	agtgaangga	anaccctaac	anatctnccc	tngtganttt	tacctttgat	480
ctacaangcn	ctcctttcac	nnctcnnggt	cnttcttaag	ntanccgnat	cctntttcct	540
ctntttcccc	anccatcctt	cccnataat	tgcccnctcn	tcnanttaac	cctcncctct	600
tgcnttgnaa	ccccctgccc	ccctcctctg	cncccttttn	cttnangatn	ctccccctng	660
ccatccnnac	ccttcgcnnnt	aacccccanc	ccctctncta	ccttttctnc	caaaaacgtn	720
cctnccatcc	cctantcggn	nantctngnc	cctcnannna	tncntacctc	tcaanctcnc	780
cantcaaacc	nccacattcn	cccanannac	aaanncnngn	naccnnnnta	ntccatntnt	840
acactctecn	nanctcactn	ctcncennnt	acnctacct			879

<210> 3620

<211> 959

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (959)

<223> n = A,T,C or G

<400> 3620

nngttntttt	aattttcnna	agnccctncc	tttcaaacct	tggtatcccat	cgattcgcctt	60
gggggtgagtc	tcactcttcac	cctttcacca	actgtccttg	taacaatctc	ccttccattt	120
ccttggtctt	acagcatacc	ccatagaatc	aagcctcggt	attgccagg	ctgaactgac	180
ttttttgttt	ttgtttttgn	tttaagcagt	accattgngc	accttgggaa	aattcctgtg	240
ttgatctaat	ttaccatat	tcttcactcc	actgaccact	ccaattagga	tactcctggc	300
actcctggnt	ttagagaggc	ttagatatgt	ggctatttat	ccttttggn	ttanactn	360
ggnttttgn	ttttanctaa	accnggant	ttcctgggga	nccaaaaact	tgtnaaatng	420
ttntttttcc	cnaggaagtc	ttcaaattnn	gggaaaaccc	cccaangcct	tgtgnggggt	480
ttttggccan	ncnaagggcg	ttantattnt	ngnnctnata	atttttcgg	gttggaaaaa	540
cccaactctg	gttgggnttg	ggggaatggn	nccttttnaa	aattttggcn	gggngnatn	600
tttcttgga	taggccnct	tgggaaaacc	cccaaatnc	ttggaacagc	ccgcaaataa	660
anatttgggg	nccttcnctg	ggnnctttct	ttaaaanaaa	nggcctttgg	gnancctttt	720
tnggggggaa	aaagntggg	gccctattta	aatttcggaa	aacggaaata	cgtntccctc	780
ancaactttt	naaaanaann	tncataaagg	nnaanaaata	acctttgggg	ngcccccttt	840
aagaaacccc	ttttaatntn	gngaccnnnn	nattttaacc	cttngaatat	cccaggancn	900
tttggtttta	aggaanccnn	ttttggatcn	aaaatttttg	gggacaaaaa	anccccct	959

<210> 3621

<211> 839

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (839)

<223> n = A,T,C or G

<400> 3621

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tctntceccc tcnctgtct cccccccect ncccttcccn ttctctncc ccnntacttc 300
cncctctccc ncactccctc ctctcncccn ctncctntnc tncnctcan cccccccttc 360
ccctctcacc cnccttcccc cnnnnceect cccccccttc tnnntctct cnncecnenn 420
ctctctcttc tccctnncan nccccctenc nccctctacc ctncctccct nntcctccct 480
nctacactcn accttccctc nnnccntccn acnccnanncc tctctctncc tccntnctct 540
cncctncttc ctctnctta tncnnctntt ctccccnttt ctcnncctcc tctcctctcc 600
nnctctctct ctctntnnat cctctctctc cennccnttc tengcnntct ntctctctct 660
ttcatcatct ctctcaccatc tctctctctc tctctctncc tccactctct tctctnttcc 720
taccctctct cncctctnca ctctctccct cctctctncc ttncctctct ctcccccttn 780
tntcctnctt ctctctnccc tctcctctcc cennctctcc tctctctctcc ntctctctcc 840
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ccccnccncc ttcnngnccat ccccccctctt ctctcncctc ttcnccnccc ttcctctctcc 960
tcancctacc ctncctnctc ctctctctcc cctcctctcn atcccccccc ttctctctcc 1020
cctctatccn tctccantcc tncctctctn ctcnncctac tacacnctcc ctctcccccc 1080
ntntcctncc nccctctatc cctctcnatt cctccncttc tcttntncc ctcttccct 1140
tctctnctc ctctccccct ctntcctnct cctcctctcc ntctnccct cctctctct 1200
ncttctnct cncctctccc cnnctctctc nccct 1235

```

<210> 3618

<211> 999

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (999)

<223> n = A,T,C or G

<400> 3618

```

ggntattttna anttttctaa aagcttngct actttganct ccgtnggatc ccctcgattc 60
gaattcggca cgagcccaac cccaggtgtg ccgcgtgctg cccttgagag cctgccccn 120
cgctgtgacc cgggagatgc ncgccttgtt ggtagactgg ctgggtccang tgcacgtagg 180
agtacctggg tctggctggg gacacacttt atctggcgtg tcacctgctt gattcctacc 240
tgagcgtggt cccgngtgcg tntacatngt ctgcaactgc tgggcgtggg cttgcctgtt 300
tgtggcgtgc aaaatgggaa aagtgcgtgc tttccngaga ccnacttnc tnttgnntct 360
tgnnngcgga nntctttttt ttannnggng ggaactttat tgnnctnccc aaacnntngc 420
antctntnnn nccnccnctn gaatttttct ggcttnanta ccaaannccn gnnccganng 480
nttgatnctt tncggacttt tttggnnccn ncccttttnc aangganatn aaatcccccc 540
aagttgaaat ntttancatt gtgncanncc taaatttntt tgggaanctt ggtanttttg 600
acttgganag ncnccnaatn gccnnnccng ggatttttga aaaccccggt ttnnctnatn 660
ngcnnggttt ttgngnnatt tttttnnacc cttnngggngn ccaannnnnnn attttggntt 720
tctaaaatng gggggcctng gggtttttca atnggggttt tcatagcncc cannnaaaan 780
tntttttaac aatatacccc ctannngngt aaantttgng ggnanaaccc cttttttnat 840
aagncctctn ttntnaaaaa atttttntta aaatggnnan atcnntntna tttttanacc 900
tntanganaa atttctcacn tnaacatttt tgnatatan nnggatnnnc anaatatttg 960
gtnanccaaa aaatatttta tgttggacnc cnaaaaaann 999

```

<210> 3619

<211> 879

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (879)

<223> n = A,T,C or G

```

gccagaactt gatgattttt aaaatttctca gccttttctgg ttggcagagg gtgatgaaat      120
tgagacacgg caaagatcaa ttcaagagcc actccgggga gaatggcggt ctaaagataa      180
agccaagact gtgcctttta agcctgctgt taagacctga naaggtagtg ccttagcatc      240
ctcttcagtc aactcaagg cctctccgtc aaacaatagg gcttctacct ttttagcagg      300
agcccaaggt agaggtanaa gagttcctct tggagagatc tatgggtata gcttttgntc      360
attgcngtga gatatgcnnn aaatccactg tagctaggac tgacnngaaa agaacngtnc      420
naaatgaaaa gagctgtcgg cacccttagc attctgctgg caggaaccag ctgagaaagt      480
gctcangact acacatgccc ctttcatcaa aagggaaga tgactcanaa gttggaagca      540
ngagcctaga natgaaggcc aaaagtcatg ggagaattct ttttccaatg gttgagancc      600
taattcangg aacttttcaag nggtttgncc ctggctngga attcannaag tccagtattg      660
ggatcaatgg actctttttt nngccccccc caantttcct gggcctttcn ttttggtang      720
aaaaaagggt ttttccccct ttt

```

<210> 3616

<211> 906

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(906)

<223> n = A,T,C or G

<400> 3616

```

gnnttnnttt ttctaagggc ttgctccttn tntttctgca ggatcccatc gattcgaatt      60
cggcacgagc ccacacntgc catattgaac cgtttctgca ctaatcttct ncacgggcac      120
ngcgtggagg gaacgtctag gggaaanggg agagcttgac ctccatctag gttactttta      180
tctggnnaaa aangaacact ttttggactt antgtaatng ctntngnccc tgtaaaaggc      240
aangctancc ncttaacttt cccanntnna ccttttnagc cagggaacca aatgnaaagg      300
gttaatggtn tnncatggaa caggactact ttgcttcccc tttggnggac aaantttccc      360
tagaaacaan cttacccttn aaaacaccca aaaacnttcc caanccccan cntggnttgg      420
gcattagnga agcatggtnn gtncaccaac tttacccaaa aggggacntt ggggagccca      480
ccctttntga cttcttgttg gaaattactt tntannngag gaacctggac ttggccttgg      540
antanaaaaa ccccttgtaa atttnccctn naanttance nnattcccct taaaagacnt      600
ttntntttgg gaaaganttc atttngcctt gntacntatt tccctttttt tngngtgga      660
ttaaatttaa ttttatttaa accttggttt caaactggac caacatttgg gttttcttnc      720
caacttangg gaaatttttg gaanttcnaa aactgnntcg ccttttgaaa gancttngct      780
tttttttttg naaaannnngn ttnggaattt gggctgttaa ccnaantttc cntnttttgg      840
aatcccnnaa gganggggcn anatatcttg gggcaaaaaa aatnnctnng taccctttt      900
tggntt

```

<210> 3617

<211> 1235

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1235)

<223> n = A,T,C or G

<400> 3617

```

ctaatnctgt aacctanntt tcttgacgcc nncntcgcnc taaactacnn tgnctnnngn      60
nctcncctt tacnccaccc ctcaccccn tcctttnnnt ctccgnggcc tcccccccc      120
ctcccnctn nntgcccnc nccctancn ccccnctt ctnnccctgn cnntcnctct      180
centtccnc ctnccccct tcctcnctn cttnccccct cccccccctc tccgcacctc      240

```

ttctaaacag	tagatacttc	tgatggattc	tcggcattaa	ctcctgtttc	aaaaaagtgt	180
gaacagtttt	atgaatttga	aagaaaattt	gggtagctct	ttatagcatt	cattcttaaa	240
gatcagtcca	gaatanggtg	attctaaata	aacccaatng	aagaatgaag	tatctctaca	300
gggtagtaac	ttggattcct	cttcagggag	aaaaagggag	ccttaaattt	gcaagcctct	360
taacctaaag	gggtttcttg	gntncctngc	cttttccaac	cccccnnaaa	tggcnaagtt	420
gttggggggc	ctttncccat	tgnnnaaaaag	cccccttttg	ggaccntttt	ttaangggng	480
gngttanncc	cncntttnt	aaaaggggcc	ccntnggaaa	cccgggtggan	ttttttggat	540
attcncnaaa	agnggcaatt	tttttatttg	ngcnntnttc	cccttcaaaa	anttangggg	600
gnaattttct	accataccnc	ttaagtttnc	acccttnngg	aaaatttttt	ttttaaangg	660
gccccntttt	taaaatttcc	cagacaaggt	taaaaaccna	tnttanttat	tntttnaaag	720
ccnttttnnaa	aaggtattat	ttttngnnna	agggcnntaa	anttttnagt	ccttannccc	780
tttttttcnc	aaaanctanc	cnnnaattaa	cgcntttttt	ggggcctaaa	anaactnggn	840
cattttttta	aanaaaaggg	ccntnttaat				870

<210> 3614

<211> 1046

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1046)

<223> n = A,T,C or G

<400> 3614

ggcggttcct	ccgnggaaaa	accctttttt	gggaaattcg	gggtagnnga	aaacnctttg	60
gggnaaacct	ccgncgcnaa	aaangcgcng	agnnnnngng	aacggngnnc	cacnngcann	120
nnntnngngn	ggancccnng	gnacgggttt	nccnctttt	nancngnacn	ngngggcacg	180
ggggancngn	gcacnagnan	canaangcac	ggagccggcc	nnaangngan	agtaanncnc	240
ctaangaang	taganganng	aaacatggnt	ncnccacaag	gcangagcag	caccttgggg	300
ctgctggnaa	gcccnnnatn	atgggggncn	ncttggacna	ngtncnggca	naaagggggc	360
gggggcatnc	naancnncn	ccctcnncat	mgcaancnn	cnnancgggg	naaccaacc	420
agngcgaaat	anccancggn	gccntnaatg	cgcnaaacca	nggggcanca	cggaggggcc	480
tnngcgcggn	nacaaggcnc	accctngna	cacgngngng	gggnacnnc	cncanacg	540
agcnggcanc	gnancccn	ncatnanggg	accctacnn	nnnngggcg	nnnnntnng	600
cgnggggggc	acantaccan	nanacaccgc	gngcganaca	nnctttccaa	accacggacg	660
aaannaccnc	gggagnatan	taanaccnac	nnccaaanng	gnncangcac	aatcggaac	720
ccntgggnnn	ntnctnang	ggagcccgga	nccccccacc	cagnntccnn	gananncaat	780
gnncnccnt	cnannaccnc	nccnntaanc	cnggggcnc	gngggnaang	gnngangccc	840
ccnnnacggg	ggncnttana	gnccctaaan	antnaccen	ngnntncaca	aacnncana	900
agnggcann	nccctcggg	ganncaaaag	nncgcgancg	cnnnnancnc	cnnnangntc	960
ntcngnncnc	nccacnnggn	cntccgcnc	gggagnncan	nggnnnnccc	ctnctnctnc	1020
naaaagcngn	gcntcnnnca	accnc				1046

<210> 3615

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 3615

agggctgctc	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	gagaaaagga	60
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<400> 3611

ttnttcnaaa	tttcggantn	ctcntttctat	tgcaggattt	natcgctcctt	aatttcggca	60
cgaggcaagc	tggagagctg	cagaggctgg	tagcgtggct	cagtccaagc	acagaggcct	120
cntnaccatg	gaagctgatg	gtataactca	gtctgaggat	gaaggcttca	gaacctgggg	180
gactacaggt	gcaagttctg	gagaccgaat	gctggagaac	cttgagttct	gatgtccaag	240
agaaggagaa	aaaggacttc	ccagctccag	aagagggaaa	aagcaaattt	ggctttcctc	300
tgtcttcttg	ntctatctgg	gtcctctgct	gantggatgg	tncccaaaac	ttttgggtga	360
aggtagggct	ttcttaccct	gntcatggat	tcaaagtcca	atctcttttt	ggaaacactt	420
tttccagnac	ataccccctt	naaataaaaa	tnnttttanc	ttgtatcttc	ttnttaaaaa	480
ntaataaaaa	aattttttaat	attnttatnt	tnnntnttn	nnnnnccntg	ttnaanntnt	540
atntttntn	anngactnaa	ntcnntacnn	tnnctctctn	ntannatnna	antntcnant	600
tnancttnna	ntnnatcttt	tnntantnan	ntanactnnt	tnntannnt	tnnatantna	660
ctatnttctt	tgtttantnt	cacanttate	tnntctctnt	nnatagtnt	aattctactn	720
tnnttattta	aaatgtcnat	ntntatctnt	nanaccatnt	tnnncanan	tnnttatcta	780
nttctananc	ctttatntnt	tnntcttat	tnntgtctt	gtntntatcn	atntnttat	840
ntnntntan	tnctntant	ntannatnt	antanantn	tnccn		885

<210> 3612

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(793)

<223> n = A,T,C or G

<400> 3612

gnnnttttaa	atccagctct	tgtcttttgc	ggaccctcgt	tcgaattcgg	cacgagaatt	60
gataataatt	agacaaactg	aactaaattt	ttttaacaga	tacctgagt	ccaagcttaa	120
gatacatctg	agtgccaagc	ataataaaca	ggaaatatac	acttcaaaaa	agaaaaagaa	180
aatgaatgc	atacttatca	aatacttgct	gtaagagcat	taagtacttt	acataagtca	240
aatcatttaa	tcctcatgac	cctaagaagt	tatttttaaag	atcttttgag	aatgagaaaa	300
aaggatgagt	aagggtaggt	gatctatgta	aaacaaataa	attctagttna	ctggcaaagc	360
tgagatttga	cctaaatcaa	tctgccagaa	gttctgagtt	atnttccatg	tgctcacat	420
agcagaaagg	gagatggcat	aagcacatnt	caggcctaga	ggtaacatat	actctggcaa	480
aagcntaaaa	ggtctatgaa	atnttacagc	aaggaaaggg	tatttctaac	aggaggact	540
cagaggaaaag	gaagccaccn	tttaaagttt	gggtacctgg	aatnaatttc	ttaagacntt	600
tccccagatn	ggaggaccgg	gggaaagaaa	gaaanccttc	ccaggaaggg	ccaancnggg	660
agccatgggtg	gtcaatgggtg	gtggtttaan	gggcngaaa	aaaattnggt	ggggaaaccc	720
cnacccccag	gncnggggaa	aaaaaannnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	780
nnanaaaanc	ctc					793

<210> 3613

<211> 870

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(870)

<223> n = A,T,C or G

<400> 3613

ntttnnnnnn	tttagngggc	cnttgcnntn	gntctttctg	caggatccct	cgattcgaat	60
tcggcacgag	caacagtcct	aaccagtcga	attagacca	tttggtgctg	ctccttttcc	120

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(730)
<223> n = A,T,C or G

<400> 3609

cgtntttcaaa	tttttnaactc	ttgtctttttg	caggatccct	cgattcgttg	gtgtgtaaat	60
aaaacttttag	aaaggggtcta	ttgaactttg	gacaggcaag	ctccatgagc	tctccctcac	120
tctttgagggc	agggttaaagg	gtacggccat	gaccaccacc	ttaatccttc	agggactatt	180
tacaaaagat	tgaaaaaatgt	gcccagggcc	cgtacctgcc	cctctgtgga	actagcccaa	240
ctcaagtggg	ctggcaggca	agcctggctt	tcatggggac	agaagagaga	gtttgcgggg	300
agcttggcat	ttttcaacac	atgctttttg	gcttctctcta	ctgnattgna	atttccatga	360
tatttggttg	gaaaaaatgga	cacccggnct	cttttgcttt	ttgnctgctg	cttttcagct	420
attggggatt	ctgcgccttg	ggataatgaa	gcangctgtc	attncttcc	cctaaataat	480
gcattacaaa	gtggaaatgc	aaatttctctg	tgcaagctct	aaataccagg	tggtatttcc	540
ttaatatatt	gnttttgacc	tttggggaaa	ttggtattac	nagctgactt	tggaatttaa	600
aatacatcaa	ggncctcatt	ttaaataaaa	caatcgatat	cttaattttt	aaatcagact	660
ngattcnatt	ccnggaaaaag	acatncatat	ttgctttatg	nggtnaaagt	ttggaattca	720
ggaggacaat						730

<210> 3610
<211> 706
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(706)
<223> n = A,T,C or G

<400> 3610

ntttgaaatt	tcgntantnc	ttttnttttt	gcaggattca	togattcgaa	ttcggcacga	60
gatacgatgg	ggtgcttgg	ggatgggcca	tggaggtccg	tgagctggaa	ctgggcacac	120
gccatcccag	agggtcagg	atgccccagg	aaggaaagaa	gggcaacaga	ctacacgatt	180
ggacgtgtgt	ggttgactgg	gatgaagtgt	gagggagggg	cagggccttg	caggggattg	240
gtactgatcc	cagggaggaa	agtgttgggg	cttcatgaac	tangatgaaa	ggagcccctg	300
accatgacaa	ggggcacatc	caggatttnc	gccaccctga	atttagtaga	nctaatangc	360
cctggttggt	actnttgggc	aaggaatgcc	gtnaaccttt	ganggtncgc	accacttgt	420
gtgttgccct	cttgtntctgn	cggggaaaca	tncacctt	gtcttaacca	ccaaaactttg	480
cttgtgtnt	cancaanggt	tgncctttcc	caangactta	ctgnatgtac	ccngacccta	540
agccttgcc	ttcacatatt	nggagctttt	ggattcatnt	gactttgacc	ccntctgctn	600
tcacttgngg	cctgaactgt	tgatcaatgt	tggcanaatn	aaccnccttn	tnnanctaaa	660
gctactttac	catccatata	atgggattna	aaaaaaaaaa	aaaaat		706

<210> 3611
<211> 885
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(885)
<223> n = A,T,C or G

cggnnancgt	nactaacctn	antttananc	ctctctntat	naaancgtna	cccccgctnt	900
gnaatggngg	gaatngnatn	nnnaagtnnc	ntnacaangt	nnngtcttan	ngtntgcctt	960
cncctcgtatn	tntannttgc	gnnacannng	gtgnnnaann	taaaggnnng	cgccn	1015

<210> 3607
 <211> 740
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1) ... (740)
 <223> n = A,T,C or G

<400> 3607						
tggnnntttna	aattttttnat	gcgttgggtt	tgccgattna	tcgattcnaa	ttcggcacga	60
gcctagtgtg	ccatcagact	ttcagcaact	tttatcatcc	agatagtcac	caaatagaat	120
aaaatagaaa	aatcccttga	gcaatgaaac	aattgtgaat	gaacacaaag	tccatgaatt	180
taatccttat	ccgtttgtctg	agccaagcat	gtgcatctgc	agtgggtggc	ccaggctggc	240
agcacagata	ccaccatttc	ccttttcttt	gtcaggggca	tggcctgttt	atctcgttgc	300
accagatgan	gggttgggaag	gatgatgggtg	gtgggtgttt	cagatctact	gacagcaatg	360
agaaatcaat	gacagttgac	aggaagagag	gacccntcca	caggcaaaaag	aggaatgccc	420
agcaatcttg	gtccttgcn	tgcaatactg	gccttgagge	caagtcagca	ggggattcgt	480
aagtcactaa	cttctaaactg	aggcagggaa	agtaccatgt	tctggaaaaan	gtncacaagaa	540
acnnggaatn	gangcagtgt	ancaagaagc	agattttgggt	gccaataga	tttgaatcct	600
ggttctgctt	cttnccttgt	agagtatgat	attgggtctt	ttctnccaa	agctntnttt	660
aaagacttaa	tatgtncncc	aatctttttt	ggatgtctga	cttttnaatg	cttnacaata	720
ggnatttgc	ggnattatta					740

<210> 3608
 <211> 763
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1) ... (763)
 <223> n = A,T,C or G

<400> 3608						
tnntcnaant	tccnngctct	tgtcttttgc	aggattcctc	gattcgaatt	cggcacgagc	60
ttggaggctg	tttccagcta	gagaaagacc	tgcttatttc	tcactgaata	aggttccaac	120
aggctgcca	atcctgtgta	tgctgtacc	caaaggaag	gagtgccttt	cctcaattca	180
taaaaaagac	aaagacagt	gtagggatca	gctattatgt	cagtacatga	aaggaacccc	240
ctatctcaat	caaaatggta	aaggaagctt	gtctcaaata	acagcaaaga	aactcagttt	300
accagactat	aaaagttctt	tggtcaagaa	gataaagagc	tctncagaat	aagaatacct	360
atacatgtat	ggatgtgtgg	aaagtcgaca	aatgtgtnc	aagcaagttg	aattctggaa	420
actttgagtt	tagcaaatag	gagggttaaga	aggctgttac	cgtatttgag	gaaccagatc	480
ttgaagggtt	catattccat	aataagtata	atatgaatat	taattttgna	atagaacagt	540
ttctacctgt	ataaaaagga	agccttaaa	agatngaagt	tagagattta	ctcatanggg	600
ggatgattgg	taactactta	cttatttccg	gaatntcaaa	agaccctant	ggaatngggg	660
gattntangg	ggaaaaaaat	ngacctcttt	tctcaaagat	gaaactgnaa	atttttttac	720
cttaagaccn	ttgnaanaat	ggaaattacc	tttttaacct	tgg		763

<210> 3609
 <211> 730

<400> 3605

nctctaaaaa	tatctttttt	nattataaaa	ctttcnaaag	tcttatngga	cnttngggna	60
actccttaaa	aaacntccnt	naaaaaataaa	ggngagntct	ttntttgggg	ncctcccaaa	120
nantttcnna	tactctaact	gtcancncna	cnctcnacca	tcactcaaca	tnatatntctn	180
tacacattnt	atctcncana	cnnantacna	ctctnattac	tctnctatat	atntacnaaaa	240
ctactntcct	natnntactc	tataccnata	ctctctctat	cntctatctn	tnctatactt	300
anagnngncn	natatcacta	tactanatca	ctctnnnctc	atacaccant	ntnccntatn	360
tatntcntca	natctcattn	nttatntnac	natannctac	acncnntnac	atctaacata	420
nntnnataac	natctcannt	tatctnntnt	ncaannctcn	nntatcactn	cnattcattn	480
aannacttan	accnccnntc	annnnnnaca	ncnnacnntt	anctnntctc	cctannctna	540
ccctcncata	catattnnnt	anncccnat	ccttacntna	caantntcat	cctancncnt	600
tenactntca	ttctccnttn	ccttnatnac	ccaactcnca	ntcacaanat	ncntccncac	660
cactcttntc	antacncaac	ctattcatnc	mncatnatan	tnntnanntc	ncatacacna	720
ccccatncta	tnatcaancn	ntcantcctt	cntttntaat	catnnancnc	netcennctcc	780
tatnatgnnc	tctgccccta	nnntatcact	ttcacnacia	cncnactctn	netnccanac	840
natcntnata	nacncantnt	cactntattc	taacatnant	nmanaccacn	tactccatan	900
tcnntctaac	atactnnatt	aanaatanat	tactnctcnt	atntcctnct	atctcnatca	960
ctcctccnnc	ctcattacac	atctcttata	atctnccnat	ncncatntct	ntcatctctt	1020
ntatctctc	tatnnnactc	tcctatcnca	tnatcnnaan	cattactntn	tnntatanatn	1080
acactctcnc	atnctcata	ncactatntc	ncttntttata	tatntanatt	atcatcgat	1140
acntcncctac	tctcnatcac	tcatnatact	atanactnta	tnccncatat	cacanaacana	1200
cctntcatnt	ntcacactcn	ctntnntana	ctatntcnca	ctcctcacan	ctctcatatc	1260
tctatacatc	nctactctnt	ntntnctntn	tnatctctct	ncattntntn	ctctatcctt	1320
tcnntcatat	ncgntntcan	atntnacnat	catctctncc	atctntctct	ngtctntnat	1380
tncttccacn	atctctcttc	anntttacac	acacntacat	tctatnttct	ctctatcttc	1440
tnctctnacc	tnctctcnctn	anacnacata	tcttatatcn	mncatntcat	nacnnctact	1500
atcatacnca	tantacacca	tatntntnca	tctctctncc	antnccntat	ctctatacnc	1560
tctatatacnc	ntttcatata	tanttacnac	atnnctatan	attcntatat	ctctaccata	1620
tactntcttc	tactctatca	ngtaantatn	ctaanttatt	attatatcnc	ncantctctc	1680
tcacncaccn	ctctatcnca	tctntctctc	tctatccn			1718

<210> 3606

<211> 1015

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1015)

<223> n = A,T,C or G

<400> 3606

gggggntttt	aaanntntng	ggcttggttg	gttgaggat	cccttcgatt	cgaattcggn	60
acgagactgg	actaatatca	ttttaataaa	tattgctntt	tagcttcaaa	agacagagcc	120
tccagcatat	tattattatt	atagtaatct	gattcttttag	caattcagag	aactcacctc	180
attagtgtc	ccttgctcta	tctgggcctg	tgggaaaata	cccttgcatc	tttctatggg	240
natggnccac	nggancncca	tctgncttta	acatttttga	agnattggac	ttttnaagga	300
agcngnacnc	aattcccntg	gtncntncna	ttctagaanc	ccgnaancgt	ttcccngncn	360
anttaaaggg	gaantnttcc	ccccttgntt	gtttgccnnc	cccngttttt	ttacagnngg	420
gccggttttt	aaaaaagana	ngtgntntnt	nttnaaaaaa	ttannatann	ntncnntttt	480
nggggccatn	ncccttntng	nnnnnnnngg	tgtatgnacg	aaccnnannn	atnantntta	540
ntnnnnnttt	ttnanttttc	ccacgnnctn	tnnttncaat	tatcnantct	cnggtactcn	600
gggcctcnat	cncaantnta	natacccctt	nnnttgcgnc	ncnananatn	atgnnnncnc	660
ctataantnn	ggantgttgg	nnnccnaana	natnntntan	tnatangtan	tgtnnntctn	720
nnnnctatac	ccnctgtngn	ttgtgcancn	ctcgngtacn	ctnnnnacan	natnngntat	780
aatanntngt	ctcccnntag	ntgntntana	gtgacnntcc	ttntttaang	naccatctnt	840

<220>
 <221> misc_feature
 <222> (1)...(732)
 <223> n = A,T,C or G

<400> 3603

tgnnnnttga	ttnnnngcnnt	tgtctttctg	caggatccca	tcgattcgaa	ttcggcacga	60
ggtttctttt	tttcagagtt	ttgctgctaa	gaaatatctc	ctcaacattt	gacttcatng	120
tggccaataa	tggctctctga	attgattcag	acattcacac	agcttgaaga	agatctaaaa	180
gatgaagatg	agtcattgag	aagcaccaac	aaagtaaaca	gaacgaaagt	ttcagtcctg	240
gatgcaaagt	gaccctcagt	ggggggagata	ccccagagtg	aactcatctt	gtatttatca	300
gcttgcaaat	tcttggacac	agcgctttct	tttccacctg	acaagatgcc	attatttcaa	360
atztataggt	gggcatttat	tccagaagtg	gacacagagg	gccctgcctt	cctgtcggat	420
gtagaggaga	atcaccaaga	atgcaaacc	cacactgtca	ggattctaga	acttctaaaa	480
ttaaagtttg	gggaaatcag	tagctctgat	gagatcacca	tgaagagtga	attcccgtct	540
ctgcgccaac	attctgtttc	cagcatcagg	cagttgatgc	cattcttcat	gactctaaat	600
ggtgcattta	agaccagag	acagctgcct	gctgatagcc	caggaaactcc	attcttggac	660
tttcctgtcc	agatgcccaa	ggatcttaaa	acaactggga	agaatgcata	gnaatatgaa	720
tttctggaac	cn					732

<210> 3604
 <211> 858
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(858)
 <223> n = A,T,C or G

<400> 3604

ttntttnaat	tttcnaatnc	ttgctctttt	attccgnagg	atcccatcga	ttcgaattcg	60
gcacgagggt	agcacaggcc	tgcccttgca	cccatgctgt	acagtgcggt	tactagactt	120
gtggccggtg	ttgtgctgtc	ttctcattag	catgcaatat	tcacttgact	gaattccttt	180
ttagctaaga	gaaatattac	agggcatgat	catttttaggt	tattaagggtg	tctaactcaa	240
tatgtaaact	gctgaaaaga	attatatgtt	tntatcagat	aatctcaaca	tttcaaaaaga	300
caacacattc	agactacttc	ccttttcccc	caacttttat	ctaattgctg	naacccccat	360
gactagtgnc	cnaaanangn	gttttagtna	aattnnagtc	acccgtggat	nacaaangca	420
accctggatt	cccaatcctg	cttgtggggg	ggtttnntng	gccaaatnga	nttaattttc	480
ttgggcaana	aannttttnc	ttcttaccat	taccnggaac	cccantantt	gcccaaactt	540
ttggnnaatt	ttttttaagg	aaaaaaaaacc	tggaaatngg	gggttaaatt	cttggnaaaa	600
ntnttttttt	tttaaaaaac	ttncattttt	atttttaaaaa	aaaccccccn	tttaaacctn	660
gggggntcct	tttncctttt	tggaccttaa	nttaaatgga	anngatttgg	ggaacccaat	720
anantnaata	nnantatnnn	aanaananaa	ttnattnatn	ttntancnaa	ntaaaaaaaa	780
aacccttttt	naacnttttg	gnggggcegt	ttcccnnaaa	cccnanctta	tnanaannnt	840
tnttaatttn	ggcaanct					858

<210> 3605
 <211> 1718
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1718)
 <223> n = A,T,C or G

attn

784

<210> 3601
 <211> 772
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 3601

gnaacctana	aacagctatt	gaacttgtn	cacgatccca	tcgattcgaa	ttcggcacga	60
gannaaaggt	gtgagccacn	gcgcccggnn	tanntaagaa	nnatnantnn	gnncttgcn	120
nanaacatct	gtntnnncaa	cttantacna	acaaatatna	nnattaaacn	cttcactttg	180
ncttnnnaac	tgntcnaaac	actgncactt	tggcttnaaa	actgctccca	caatntngct	240
agcatttttg	gngattcaac	attcatgtca	aaccaccaca	ctagggctcc	ccagttncct	300
nattnactca	ttgttgcatg	cacanatttt	ggtatgatct	atctcagccg	gtcctactcc	360
ttnggggatt	ccttacacct	ccaaaatttt	gaattataag	cntttttctc	cnaganctcc	420
ctcattnnnt	tacttatctt	aatcattctc	ntccaacanc	acttnatnta	ctttgggaat	480
gccaangaat	ccgatntctt	nttcaactcg	cattacctct	ntgcctgctc	tntcttttct	540
tggntgttat	ngacccagtt	tagaggatgc	agagtncttn	aatataatca	ctactttgaa	600
aacatcctca	gctgttttgc	tcctnttgac	tttgcttggc	aaaactcagn	cntggctaaa	660
actnttggcc	atttgcacct	gcctcaaaca	ctggngctgg	ctacaaacaa	ntgctaccag	720
catngactgg	ntccacttng	naattcggac	cncacctcat	gtaggnnctc	ac	772

<210> 3602
 <211> 771
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 3602

ctaanncn	gnnctcgna	ctngccgaac	naaanaggct	nnggcgcac	tgtagnaatt	60
ggctttccgt	ttgcatat	aaatgaactt	tgtggctttt	gttaagtata	ataaaaagca	120
tggagtcaaa	tataagccaa	gagtattaca	gagactttta	ggctgactca	gtatctcaag	180
ttctgtgtag	attcatctaa	acactgctgt	tatccatgct	atactttacc	atgttatccc	240
aaaagggaat	catcagcaaa	ttttaccaga	aactgctgaa	ttcaagatat	attcaatata	300
tattatactt	ctgacatcct	aggaagccta	tccaaagaat	acattacttt	gatagaattt	360
gttcttttat	aaaattcatt	ttgactctca	ttgataactt	tattccattt	tgggggagga	420
ctgaggagtc	agtgggatgg	gaacagagct	aactacaaag	tctttgagtt	tagatgggca	480
gcagaagggg	aaaggaagta	ggccgtggga	tatataagga	cttttccaat	ggaaaacaat	540
tgtcagtggg	acctctatga	ctacttggtc	aatttcagaa	ttaaacttcc	tgtatatattt	600
aggtggaatc	aagctgagtt	ctagtcaaaa	tgctcgcat	atttcccatg	aaaaatcccc	660
caaacaccaa	gcagacagaa	cagtggttga	taaaccatc	atattccatt	tctgaagaaa	720
atcatcaagc	cccaaattct	gttttagaaa	atttctcaag	aactaattct	n	771

<210> 3603
 <211> 732
 <212> DNA
 <213> Homo sapiens

acataaaaaag	aacatgttcc	ctacnaaaaa	aatttttttt	taattacctt	gggcatngng	660
ggtgcaccac	tgtagtcctt	agcttacntn	gggangcttg	aaacaaggaa	ggctcgcntt	720
gagcctcaaa	aggataagtc	cctaacttcc	tcaaggaagg	cttccggngg	aanctatgaa	780
tcatgcctnc	aancctgggg	caacaagtgg	agaatttttg	cttnttttaa	anaaaaannn	840
nnnnnnaaaa	ctcggg					856

<210> 3599
 <211> 800
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(800)
 <223> n = A,T,C or G

<400> 3599						
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attggccaag	tgggcagcag	agtccaagct	cgacccaat	gacccaaca	atgccccttt	180
gatgcagctt	atctcggttg	ctaccagngg	tgaatcctat	gtccctgatt	tcttttagact	240
ggagcagctg	caacaggagt	ttaactttgt	ttcagatcaa	gaattaaata	gatccaaacg	300
atntaggtct	cttcatctta	gaagccaaga	ggtgccagaa	ttccgaaatt	ataagcaagt	360
tccagtctat	gaccgagaaa	ttatggaaaa	ggtattccag	gactatgaga	aacggttacg	420
agacagaaat	gtaatagaaa	ccaaggaaca	catagacacc	catagggcca	tagtagccaa	480
gtacctncag	caggtttagag	aatcagngat	aaatcgtttc	ttaattgcaa	aacaatatatt	540
tntttttggc	tgntatggat	agnagaagaa	gaagttccca	atttcancat	tttgggncta	600
agccttttca	agctngccan	aacaaaancn	gaccactgng	gncaaggnga	aaaaggngng	660
nangaangtg	ancnncccca	aancctngnn	tnnnnggaga	cntaaaannt	ggctnnngaa	720
nattngnnnn	nancttacna	cnttccaann	gnnggaaanc	nnnnnttnnn	nnaannncaa	780
nnnccnnnnn	ggnnttnnng					800

<210> 3600
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(784)
 <223> n = A,T,C or G

<400> 3600						
tnaacccttt	aacaagctat	tgttcttttg	cacgatccct	cgattcnaat	tcggcacgag	60
gcgggcgcga	ccggaggcng	tttccgttac	tatggcaatg	acggcaggga	ctacaacaac	120
ctttcctatg	agcaaccata	cccgggaaag	agtgactgta	gccaagctca	cattggagaa	180
tttttatagc	acctaatttt	acagcatgaa	gagagagaaa	ccaggcagaa	gaaattagaa	240
gtggccatgg	aagaagaagg	attagcagat	gaagagaaaa	agttacgtcg	atcacaacac	300
gctcgcaaa	aaacagagtt	cttacggctc	aaaaggacca	gacttggctt	ggatgacttt	360
gagtctctga	aagtttatagg	aagaggagct	tttggagagg	tgcggttggt	ccagaagaaa	420
gatacaggcc	atatctatgc	aatgaagata	ttgagaaagt	ctgatatgct	tgaaaaagag	480
cagggtggccc	atatccgagc	agaaagagat	atthttggtg	aagcagatgg	tgcttgggtg	540
gtgaagatgt	tttacagttt	tcaggataag	aggaatcttt	atctaatacat	ggaattttctc	600
cctggagggtg	acatgatgac	attgctaata	aagaaagaca	ccttgacaga	agangaaaca	660
cagttcttca	tttcagagac	tgttcttggc	cattagatgc	cgatcccca	gntgggtttc	720
attcctncng	gatattnagc	ccgacaaccc	tttnttggg	ttgcccaagg	gtcatgtaaa	780

tttaaatagaa	tgactttgct	atgggtttttc	aagtgtttat	agtaaataatg	tccatttgat	420
ggaaatataa	atatgcatta	agtgttaagt	gctaggcaca	ccctgctgtc	actttttatg	480
gtaatacaagt	gtctttcact	ttctgttggt	tttaataagg	accagctgac	aacgccacat	540
taaaaccaca	gggactcaaa	agataactcc	cccacccct	cacccggcac	tgcttttatc	600
ttgcaaaagt	attcatgttt	ttctcttagt	atgccaat	cacccgttct	ctgacatttn	660
cacttatgta	ctcatgggaa	ggaatgaatg	ggttactcaa	actgggacca	ttgaatttgg	720
ggacacctgg	tggactccac	tggccttaag	anctacangg	ttanttggaa	acagtggggc	780
accgtgggtt	gacttggcct	tttntttgcc	agnnggtttt	gggccttgan		830

<210> 3597

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (820)

<223> n = A,T,C or G

<400> 3597

nncnntttta	attccataca	gctcttggtc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgagaga	aactacttct	atgatttcag	ctggagtctg	aagataacttg	tttctgttca	120
agtccacttt	taaattatgt	cttaggagac	tgaaagtgga	atcttctgag	cattcctaaa	180
tatctgctta	gaaatatcat	gtgataaaga	gggaccttct	taatacactg	atgttcttca	240
ctaaatggat	ggccacaaga	aaaataaagt	aaatgtctta	aataatttaa	ccataaattt	300
tctgtcatgt	gatactggaa	tatgggatac	ttttcatggt	tatatatata	tatatatatg	360
tatatatata	tacatatata	tatatatata	aacatgaaat	atatatatat	ggctcctttg	420
tgccccatgt	cattttcaga	ttatggtagc	atgctgatac	agcaccatga	aagaactcaa	480
ggaaaatata	tcaatgtaag	aagttcactc	ttagaccagg	tggtctgagg	tcacatgggt	540
ttggactgtc	tcaatcagaa	agattaatga	ctgttatcaa	gaacatgaac	attggcttcc	600
tccatagaga	agaaaatcag	tatctgagtt	gcataccagg	cagtattaaa	aatctaacan	660
gtctgtttgg	cccattgata	gatctcaa	ggngtctcct	tctgggtatg	gattttgccn	720
ttggttaccc	tttctcaatg	taatggaagt	attttacaag	ccaattggng	gnggaaatgg	780
tgctcttgnc	tttctntgnt	tacaaactac	tttcacattg			820

<210> 3598

<211> 856

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (856)

<223> n = A,T,C or G

<400> 3598

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tggttaagaag	tctgagctac	gtacataaga	ttatcagcaa	catatatgtt	aagggtggagc	180
cattttaaaga	aagaacagaa	gggacctatg	atttactgat	tgttgaaaat	caaaataaag	240
gaggcagaga	aaataaagat	tgtgagtcag	caggactttt	gtcttatttt	caagtggatt	300
tattgattac	ttttcttctt	acagccaagt	gcaagatttg	tgaatgggag	tttgaaagtg	360
agccactatt	tctccagcat	atgaaggata	ctcataagcc	tggagagatg	ccttatgttt	420
gccagggtatt	gcctttttct	ccagggtggt	ttagcagttt	tgctctcagg	aagaatacaa	480
agaatctact	aatgaatatt	gttgaccacc	tactgcatac	actcagttta	ggaactctga	540
gtaggtacag	aagaaatagt	aaacacagtt	tatcttcang	gtttncatgc	cnggagaaaa	600

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ccatgcacta gatgatacctc caaatggatt aagactgaaa tgggaaaaga aaaaaanggg 360
gggaattccc tatatcatct gggncctaagg gaaaaaattt tttccaacct atggacccaa 420
gttcccacat ggtaacctgg aaaaaattaa aaaaaccng gacctntcc tccntaat 480
aataatatta ataantnnnn aaccttttcc aatggggcca aaaaaaata aaatcccaa 540
tttaaatgga aggggnaaac caattaaaaa aaaggggaacc caaaaattaa aattaaaaan 600
ccanggggaa aaaaaaaaaa aatttgggga ngggaataat taattaattn aaccaaaaaa 660
cctnccccag gaaaattcca ttaaaaagga accattcctt naaaaaataa tgggaggaaa 720
aaaaaaaaatg ggaaaaaaag gccaccaag aaaaaaattt ncgcaaaaaa aaggnatgga 780
cctgggacaa cctcaaaaaa ggggtattaa aaaaatcccc ttaaaaatat gtaaaagggg 840
ttnaacctca cacatactag ggaaaaatta aaataaaaaa tattccggag aaaaaagcca 900
cccatcagaa tngacaaaaa agnccnaaag cctnggacaa nagacccttt tggccaaggc 960
tggccaggan gggaaaaaaa aaaaacnccc ct 992

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<210> 3595

<211> 812

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (812)

<223> n = A,T,C or G

<400> 3595

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cggcacgagc tctttttcat ttttcttaaa ctaatttctc acaattttca tttttgtcct 120
gagacttgaa gggaaagtaa gttttaatct agaccatatt atttagttac atctaacttc 180
tctagacaaa agacagtctg gagagtactc tttagttcta tttattaatt ttgtctctag 240
attgagccag atttcccat gcatagctgg cattttattg gcctctgcag aattgctttt 300
tctggattgg acttttgtaa tccatatgaa aatctctatg aaatttaatt gctcgccagg 360
tgtggtggct cacacttgta atcccagcac tttgggaggc tgaggtgggc ggatcaccag 420
aggtcagggg ttccgggacca gcctggccaa catggtgaaa ccccgtttct ccccgaaaaa 480
tacaaaaatt agctggatcat gagggcacac actgtagtcc cagctactca ggaggctgag 540
ggggaagaat tgcttgaacc caggagatgg aggttgcaat gagtgaagat cgtgccactg 600
catccagcct gagcaacaga gtgagatctt gtctcangaa aaaaataaat ttaattgctg 660
tggatctgta aanggtgttt atcgtaacag ttcataatat tctatttnaa natgcgtggg 720
agaaattttn tntggancca gttatgcctt tntcggaatg ntgggtgggt ttaccttaag 780
gccactnaat ttcagctgat ggtttttctg gt 812

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<210> 3596

<211> 830

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (830)

<223> n = A,T,C or G

<400> 3596

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nncnnnttta atancaaca nctacttggt ctttttgcag gatcccatcg attcgaattc 60
ggcacgagct tctccaggc attataatat taggttaatt tagaggagca tatttatatg 120
tgaggttaca ttgtgttggc cattcaggag actgactgtg aaagaatcca aactttatat 180
ttctgccttg ccagtttttt tttccttttc ttcactccat ttgagacact cttgacctaa 240
tccagtaaac tctaattaat agtcttggtg aattctgttt caagccatcc tgagtagcgt 300
cactgacacc cgatctgttt cagtaagggt aaattagcat cttttactat ttttctggca 360

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aatgttaact	tgctacttaa	aacaagattc	tcttcatctt	gttttcaaga	tttcaagatt	360
cttttaaaaa	ttagcatgaa	gtatgggata	atgattgggg	aggaagtatt	tttaaaaagc	420
cttcttgagt	ttttatgcat	attacatttt	tattcaataa	aaaattcccc	attgttttat	480
tgaaatggat	tagttgtcga	tcctctgaat	tagacatatt	ctttaaaaat	aagatccggt	540
gtcagccatc	taaaatgttt	ttataaattc	atacttacat	tcttttttgc	cggttgagc	600
cagccttttag	tgccaagaga	gaacattaca	gcatggatga	atgcaattgg	tttgatcatc	660
actggcctcc	aagtgaagta	ataattgnga	attggactta	agngatgaaa	aacaagccng	720
ctgttncctg	tcaggncctc	agaactatag	tggaggccgn	ttaccttnat	ncccgccctg	780
aatnaggaat	nccttgngg	agtttggaca	aancncaac	tnn		823

<210> 3593

<211> 1035

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1035)

<223> n = A,T,C or G

<400> 3593

nnnnttnat	tccatcagct	cttgttcttt	ttgcaggatc	cctcgattcg	aattcggcac	60
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acagttggta	tgaaacgttc	agaacaactg	atggactatc	atcgcaatat	gggctatctc	180
aactcatcac	cattgtcaag	acgggccaga	tccactcttg	gccaatatag	cccattaaga	240
gcttccagga	catccagtgc	tacgagtgg	ctcagttgta	ggagtgcg	atcancggnt	300
ntcccttcnn	nngcatcnta	tntnaatacn	tntccctntt	nnntngttc	tgtntntttt	360
tatannnttc	nnnccnntnt	nnncctcttn	tcctgtncn	ntttgattnt	tttantnttt	420
ntntttnnnc	tcnttntctnt	tenttttact	atcnatctnt	ctttcntntt	ttctttnttt	480
ntantctctnt	tnnttccttt	nettcacntt	ntantncttc	gctnttttaa	cnntntnttt	540
tatttntctnt	tctngtaatn	tttctntttat	atntntntnt	ttcanntcnn	ttaatccnnc	600
tctantnngt	cctttccnta	ttntnattng	ncctannata	ntttcnatan	nttctctntnn	660
nnnctnnntn	ctatttntnn	naattcnngt	ntgtntcatn	tcnctnctnc	ttntctntnn	720
ttttntntna	tnntatnttt	nnatctcttn	ntctnncttn	ntanatntta	tctntntntc	780
nttctnctna	taaactatac	tnntnatctt	nctcnntntt	cntatctaat	ctncantnta	840
ttantttctc	tantntntca	tacctcganc	nannctctnt	acgntntntn	nnatntnnnn	900
nnncttanna	tnntcatnta	anatattatn	atantttatt	tctnttctan	ntntctcnnn	960
atanntnct	nnantctant	tnctntnttt	ntatctnttt	naangtattt	tttttnanta	1020
tctantnnna	tnccc					1035

<210> 3594

<211> 992

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (992)

<223> n = A,T,C or G

<400> 3594

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ggaactagtc	atgccaggna	ctaaattttt	gggggcagtg	agggatctgg	tgcaaanca	120
acctgatcaa	tgggacagga	cagggagtct	caaaatagcc	ataactgcat	ataaacatct	180
agtatatggg	taccacagta	ttcaattcaa	gggggcaaaa	tagagacttt	ttaataaatg	240
gtgttggaa	aaattatag	tatttgnctca	aagagttata	attttatgca	ttccttacac	300

<400> 3590

tgtggttnana	ngaactcttg	caatnccctt	tgcgntnncc	gcaggatccc	ancgatncga	60
attcggcacg	agggccacnc	cgctgtgan	gnatttnngt	nnctntttnn	tnnacctggc	120
atcctnnttc	cttccccncc	tngcnggcac	cgccnaggac	cgncggccgg	gggacgagcn	180
eggagengcn	gccaggtaga	acnatanact	anatagcact	gaattaacct	gactgaaag	240
ctgngnacct	gcatnatgtg	cactcatgan	gnangtgacc	ntgtcnnaag	tgcaagtga	300
agtccagaac	cnatctgctg	ntntnacngg	gagccaaana	ctgaacanga	accagtctnn	360
acggtnacan	ncnangatga	ntatccctnn	tacnactanc	tcnctgccc	ttgaaaatgc	420
nggtngaccc	attcaaaact	tatgntngac	ccatctncan	atatgacatg	caccagtga	480
agntgnacaa	aagcatancc	cctctgtaga	actaaagcac	ctgtgcctna	aacttgtaaa	540
aaaacccaat	ggtttaaatc	cggaaggac	ccttaacnca	tcnggantgc	cngtttaacn	600
antaanntac	catcatgaan	aaggaggtgn	catatnccac	cgnggggtann	ttgaccccaa	660
ttgccaaatt	ncccnnttta	ctttatcaaa	gtnggnanct	ttntggnnng	agggnaannt	720
atnttnantg	gcaaatgcna	naacnnccaa	aagntncnaa	aaaacnn		767

<210> 3591

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (732)

<223> n = A,T,C or G

<400> 3591

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ttgtcttact	agtagcatca	ttctttttta	ctggctcaca	gcttggaagg	ggtgatggtt	180
tttcctatga	aagctaacaa	catttgagca	gatccagtgt	gctgggtgagt	cacagtga	240
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atacagggtg	aaatgttatc	aaggagccag	ggtattattt	aagaagagga	gggaggggaa	360
aaatanaaaa	tcaaatacac	taatagaagt	aaaattccct	attcagaaaa	actagtgagg	420
gctgagctcc	agtaatcaga	gagaagtcta	atcangtcac	tactgncatg	ggaggacata	480
gtcactctct	ctttcangag	cctatgaagc	ttgcgagagc	tcagctangg	aataaggggtg	540
gccaganaca	gcancattaa	ctggcacaaa	tctcaagggg	cctgtggggc	ctgaaaaaag	600
gaggatnaca	ggacatgctg	acagtaaatg	cttcattctg	tgccatacaa	ttttccactt	660
ncctgngac	tttctcctcaa	tggatttact	taaacttttc	ccaaccttna	acagggttaac	720
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<210> 3592

<211> 823

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (823)

<223> n = A,T,C or G

<400> 3592

tncnntttta	tnccatcanc	tottgttctt	tttgcaggat	cccatcgatt	cgaattcggc	60
acgaggggtc	atgcagtaag	atttgttggt	tatttgtaaa	tagaatggta	ttctattttca	120
aactttttaag	acaaacctgt	tgccgcaagg	ctgatgcaca	ttggatgatg	actgttttct	180
ggttccagat	cttgtctttg	tgatatagga	gttatggaat	gagccctgga	caggatccta	240
agatccgggt	ttgttcctac	ttctactcat	taatagcagt	ttgacattta	atataggaat	300

<221> misc_feature
 <222> (1) ... (744)
 <223> n = A,T,C or G

<400> 3588

tnnncttnat	ttnnancnt	tggntctttc	tgcaggatcc	catcgattcg	ggagatttca	60
acttaacttg	accactgcac	tccagcctgg	gtgacagagc	agacaagact	gtgtctcaaa	120
taaataagta	agtaagtaag	taaataatcct	gtaggatatct	atgtgactca	aggctagtca	180
ctttcctatc	tatgctccag	ttttctcata	tttgagacaa	gagacttgat	tttagcataa	240
aggtgagagt	tgaagtaatg	agtgtgaaag	aggaaaggga	gaaaacatac	agagaagagc	300
agaaaacaca	agcagctggt	aggcagagaa	tgcagaaatt	caagttagag	ctggttggag	360
atgtggtagg	ctgactaatg	gtgccccaaa	aatgtctaag	tcctaatacc	cagaacatgt	420
aaatatgtta	ccttacaggg	taaaagagac	tttggggata	tgattaattt	aaggatcttg	480
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aagacaggca	anagagcaga	atcagaatag	gagatgtgat	gaaggaagca	agagattgca	600
gggattccag	gaaggttctg	tgagccaang	aatgccagggt	ggacccttng	aagctgaaaa	660
angcaaggaa	aatggattct	tcttctcann	agcccttccn	cttaaggagc	ccagcccttg	720
ccagcaaatt	tggccaactt	cact				744

<210> 3589
 <211> 858
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (858)
 <223> n = A,T,C or G

<400> 3589

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cacgaggtac	ttcctaggag	tggttgcat	tgggaatgga	attgttaaaa	cttgatgctt	120
aggagcgaat	gcagactatt	cattgggtgt	ttgggggtgg	ggaagggggg	gtgggcanag	180
gaggtatgca	cnggagagg	gntctgngct	nctcnnatta	ttgcacaacc	nctaaccatt	240
gttctataac	tgcatnaaca	natnataacn	gggccttncn	ngatntatct	taacgcttan	300
nttttnncan	atatanatgt	aactaatcac	tcncttttng	taatnanctt	tncentnntt	360
ttgtaagaac	gccnctctc	tgnaactgac	ctttnttact	ccccccctt	tgcnccttng	420
accttcttgn	tntttctcac	gtngatngtg	gcanttnngg	antaacatna	atgntnaaag	480
gcntngnttc	ttatntaaaa	tttnncactc	tccacnatnn	ntttangatn	aaaaccnnct	540
nntnttnncan	aaaancgttt	tnctanttnn	aannaccctt	tttannattt	tttnnaacaan	600
aancntnttat	ttttntttnc	catnctaacc	ttttacaaaa	ntnnnggtta	acccentttt	660
ttatataaaa	nctnnntnnn	ttatnaanaa	ttaannanta	tttngtnaaa	nnccttttna	720
aaaataantt	naaaangccc	tnnttnnatg	caannattnt	naatntgttt	ancccnccn	780
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<210> 3590
 <211> 767
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (767)
 <223> n = A,T,C or G

<211> 728
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (728)
 <223> n = A, T, C or G

<400> 3586

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aaataagctg	atagagttag	gattctttta	atcaagactg	tttgggattg	aattgccact	180
cctgcttacc	agagtgtagg	cagtttttct	taaactttcc	aagaagactg	gtgtcctcat	240
ctaaaatacg	aaatgcttac	agtaattgcc	tcattggggt	gtttggggtg	actaaatgta	300
gtaggattta	ctacatagta	agttctcaat	acattgtagc	tattattatt	agttcggtag	360
aaagaatgtg	cagattctta	tgagtttaag	taggctttcg	gggagataga	ttgactctgg	420
tcttttaaaa	gttaattttg	aagttgcagt	tttgtgatta	agccttaaat	ctgttattct	480
ttccttctga	aatccttaaa	aacagaatgt	ttagtagaag	gtgataacca	gatttcttta	540
ttccaagaac	tctttgctct	catgtctaac	ctttattttc	ctggtaacta	ctgatgccag	600
aagcttctct	tagtnaatat	aatacatctc	ctctctccta	atttgctccc	ogtctttcct	660
tgtaagggaa	aagtaaattt	actttccaag	cctnanggtt	atttatggat	tangtgaacc	720
actgaaat						728

<210> 3587
 <211> 787
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (787)
 <223> n = A, T, C or G

<400> 3587

ttttgaaacc	ctttatacaa	gtacttggtt	ctttatgccg	gatcccatcg	attcgaattc	60
ggcacgaggg	cagagtaagt	acggtaattt	ctgcaccgga	atgggtagtg	ttgcctttga	120
agtagtcacc	ttgggaagat	gtatgtttat	tccagtgaag	ctgacottac	acagaacatt	180
cctagaaccc	tctttagaaa	ctgtcaactt	gtaagggctt	tcagtgttgg	taaatctttg	240
tcctttaagg	gtagatctat	tttttgagga	atgatttttt	tttttaacag	ctaaagagca	300
ttagaaaata	agtctgctaa	ataaaatggg	tgaagcagct	caggatgatc	ttggtgggca	360
ggaggagggg	ttggataaaa	cacaaggtct	gactataaag	ttgtgaggcc	tcttgccctg	420
catggcttca	aaggtaatcc	caaaggggaa	ccctaagtgt	tcttggcaca	tgcaacatca	480
agaaaataac	tccaattatg	ctaactcttg	agtgcataat	ttctagtgtg	tttggttaaa	540
aagggtggctt	tgttcatttt	cagtcataat	tcgtataaag	agaaatggaa	aactccatct	600
ctgtgatttc	tccaangga	aagatctcat	ctactgctta	gagaattaaa	atgaaaagca	660
cttggtgtca	tgtctacatt	agcccccccc	ccccccaaaa	tgtgccaatg	ggtaattcct	720
ggatacctga	gtcttncccg	tttnggaaaa	ntgggtnaag	gaccctntaa	aactatagtg	780
agtcgta						787

<210> 3588
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>

gtagatagtg	gctgtgtgtc	aggccagaaa	agttttcttt	atgaaaccag	agattctgac	540
atgatgacta	gtgacaaaaa	taggatgaat	tagagatttt	ttgagcaatt	tattaaacag	600
ctgggaaaaac	ctggcccaga	aatagtgtct	tttctagctg	ctacatcgta	tnctttaaac	660
tgacttgnca	aggggtgattt	actgagaatt	taatatgant	ggaataaaact	tctgagatat	720
cnc						723

<210> 3584
 <211> 717
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(717)
 <223> n = A,T,C or G

<400> 3584						
tggtgcnnng	tccttgcctc	tgtnnngctgc	aggatcccat	cgattcgaat	tcggcacgag	60
gtccaggcca	ataatcagtt	ggttaagtga	aaaaagtgtt	taaagtgaag	aattataaag	120
aaagtcatta	tgatctcaa	acttttactt	taattgaaac	cataaaaaa	tattattcact	180
caccaatgtt	ttatgcaggg	ttaatgcctt	ctctttaaaa	ttggacttct	gattggattt	240
ctacctcatt	tttcttatgt	aaacacttat	agttcacttt	tgatatttat	gggttttgat	300
ttttgaaaaca	aagggaataa	gttaaaacat	atactgttca	gtaatgccac	ctaattccatg	360
cgggatatgt	cccaggaccc	ctagtggatg	cttgaaacca	cagataccaa	acatgattac	420
tgtcagtcgg	aacatttttt	tttttttgga	gacagagtct	tgctctgttg	cccaggctgg	480
agtgcnnntnc	nnnnnnntnn	ntnnnttnna	antantnntt	cnnntantc	cnnttaaann	540
tttcennatnn	tttctnnnnn	ntncnnnnnn	tcttattnat	ntnnnnntnn	cnnntannnn	600
nnttttnnnn	ttcantnant	antctttttn	cacctnnnat	tnttcnnttn	tenttttntt	660
nnnnnttnntn	ntnttnnttt	nnttnntntt	ntnnnnantan	tntntnnnnn	ctcntnc	717

<210> 3585
 <211> 746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(746)
 <223> n = A,T,C or G

<400> 3585						
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acgagatgcc	tgccagctga	gaggcagttg	gattccnttn	gcngagcagg	catttcagca	120
gattcagcag	tcagagtgc	ccaagaaggg	tgcttttagt	tgaggtttca	aaaggccata	180
ctgtaaatagt	gaaccagaaa	tcaagcagcc	ctcagaaaga	ctgaaacgca	tctacggatc	240
atctcaatct	gattgcataa	aggtgggttca	agatttatta	gtgcttttta	ctcgcctctc	300
caattttttca	tatataatgt	ccagcaccac	atcaaaaaata	accagcata	gatggagata	360
agacactatc	actaacacaa	tagaaataga	tccacaaaag	atttagatca	gggatcagca	420
catttattat	ataaaaaggcc	agataataaa	tatgttatgc	tttggttggtc	acatacagtc	480
tcttgnatat	tcttttttcta	tttttgnctc	ataaccctct	aaatatataa	aaactattct	540
tagcttggag	atcactcaa	cactttctct	ggcataatca	ganatatctt	caaactatgc	600
ttcaaagtgt	caagggaaat	aactgataag	attgaaaaat	tccanggaga	ngcacaanaa	660
gtcattanaa	aaaaaagccc	ctanaactat	agtggagtcn	tattaccgta	gatcccgaca	720
tggnataagat	ccattgggtgg	agttcgc				746

<210> 3586

tgcccagagc	aggcattgct	catccactag	gcacttcttc	ctgccaagge	acctcttctc	120
gccaagtcag	tgtctcacga	tccctttcaa	cacagccacg	aggaagccat	gatacatcaa	180
ctggcactgg	caaataaaat	caaacctatt	tgcctatcca	gtcttatccc	actttgttgt	240
tttctctaag	tagttggaaa	acaacatgtc	cagagaaaaa	taccagaact	tattctgagt	300
atgttcttca	gagcaaacct	ttagaatctt	aatgatgttt	agacactcag	gaatgagtga	360
accagttgca	ctgatagaat	caaaacaata	ctgcaaatat	tagtcatgtt	gcctattatg	420
aaatatatct	gtgtgtgtgt	atagatatga	aaaaaaaaact	ctaaagtctg	agttaaagag	480
ccctgccagg	tatagttaaa	tgctctctaa	cctatnaaga	attcaattcc	atttggcacc	540
tccaaatctg	gtatccagaa	ggaagaccag	agaagcagcc	cccgatgcaa	tttgcaagat	600
gtgttctctg	ctgggggtgc	cacacgttaa	cagcagctta	aaaaaaaaaaa	aannttnnnn	660
nnatnnntaa	nnannntnnn	tnnatttnaa	ctnnnnnnnn	ttcttncnnt	ttncnant	718

<210> 3582

<211> 721

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (721)

<223> n = A,T,C or G

<400> 3582

tnncttaatc	ntgctcttgc	atttctgnng	acccatcgat	tgcccaagt	gaaaagactg	60
ctgtcagata	gcacttgctt	tccccatatt	attcagctac	tgttgacctt	tgaccctatc	120
cttggttgaga	aggttgctat	tttggttatac	catatcatgc	aagataaccc	acagttaccc	180
cgcctttatc	tgagtggagt	atttttcttt	atcatgatgt	acacagggtc	caatgtgctt	240
cctgttgctc	gatttttgaa	atacacacat	accaaacagg	ctttcaagtc	agaagagaca	300
aaaggacaag	atatttttca	gagaagtata	cttgggcaca	ttctacctga	agcaatgggt	360
tgttacttag	aaaattatga	acctgaaaag	ttttctgaga	tttttctagg	agaatttgat	420
actccagaag	caatctggag	tactcctggg	ctggcaggcg	aaccgactgc	ggaggcgcta	480
cttggaactg	aggaaaagga	ggctgcagga	caagctggcg	gcgacgcaga	agaagctgga	540
cctggcctga	gactctgcgc	cttcgcgcca	ttctgtcccc	ctcatggcca	ccttgccatg	600
ttcgcgcggg	accccggtcc	cgncggcgcc	cagaaccagg	cttgccacac	agtccccgnc	660
tgccatggcc	ggntcttnct	ggaatgttgc	ttggtgaana	tgcatataga	ctacccggaa	720
a						721

<210> 3583

<211> 723

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (723)

<223> n = A,T,C or G

<400> 3583

attgggtncn	gctcnttggt	ctgctgcagg	atcccatcgn	ttcggataat	acttgtggat	60
cttgatgcta	aggagcctgc	tccttatgca	tcaagaaaca	cataaccagg	tacagaaact	120
ctgcagagta	ctcatgagt	gcaggaggag	ctgtaccaca	agaaggaagg	gctcagggaa	180
ggggacatgt	cttactcact	tgttagcttc	cacggatggg	atgtggcagt	gctcatgaaa	240
ggatcttgga	caagtgtcgc	agcagaacag	ccgtcccat	ttgttgca	cctcacatat	300
atttgagttt	tccggctaga	aggggagatg	tagacatcac	cgggatcagt	gagacccttg	360
gaccctagaa	tatgtgacct	ttttatgtat	caagggcaca	cttgtaaatt	tctgtcctca	420
aaatattaaa	gattgctgag	tggagatctc	agaagacatt	ttggtctgcg	gcaaagttca	480

<221> misc_feature
<222> (1) ... (725)
<223> n = A,T,C or G

<400> 3579
gtgttgaatc nttctcncat naaacncttt gganacccac cgattcgaat tcggcacgag 60
ggtgattggg ctggttctgt accgggtgta ctccgtgggg ggcgtnatct ggcaaagcct 120
tggaggtggg actgtggagg caccattgat tgaactgtgt cccctgcagt tcacatgttg 180
aggcccaaac cccagtggtg gctgcatttg gagtagggca gtaattatgg ttaaagagg 240
tcgtatgggc ggggtgctgat ccactaggat taggatcctt ataagaacct gccaccttct 300
ctctgccacg tgaggacatg gggagaaggc ggctgcctcc caccaggag gagcccttac 360
tggacactgg gccctggctg caccctgacc ttggacttct agtccccaga actgtgagaa 420
gtagatttct gctgattacg ctttctctgtc tgcggcctga gctaagacag cggcgcttg 480
ggagaagcag aatttgagga gctcctcant ggcaggctgc cctggccctg ctgtcagcag 540
aggggaatgg ccatccatgc tggccccctac cagccgggcc ttcantgagc tccccgggta 600
ggtgaanctc tctaactctg tgtccccgc aaacaggccc acgagccaac gcctatgggg 660
tggantgaaa attangaaga aacattaccc gangggctac tctntttnan aagacctcaa 720
tgnt 725

<210> 3580
<211> 737
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (737)
<223> n = A,T,C or G

<400> 3580
nggtnagtta atttagcctn gtgaactctt ggaacnccga ttcgaattcg gcacgaggag 60
cagagatggc cacagaagcc agagaagctg gacgaggcct ttttggcaac aaaagagtga 120
cttaacgcag ttctaattgtc ctacattttt atgctcttat cctgcagtta caggataagt 180
caagatacac ggtctacaaa gaaattttgt tctaatttta taatagtaga gatggggtct 240
cactatgttg cccaggctgg tcttgaactc cagggctcaa gcaatccgcc tgccaggcc 300
tccctaagtg ctggattaca ggcattgagcc actgaacctg gctgtacaaa gaaatttatg 360
gcagagagat atgctcttta ttttggggag gtggcatggc attatcaaaa tagcatgggc 420
tttggaatga aaaccttggt gaccgtgagc aaaggaagca tcatttgctt gtcttcaaaa 480
gagggatagt gcaacttaac ctgcaggagt aaatgagata acaatataat agtatttatt 540
aacagagtct tgcgtgttac ctatagtaca tcaagattcc atttctactt ttttcccttt 600
ttcactgnct aaaagtttta ataacntttt aaataagatg atggatatatc aaaagccant 660
tataggctac taaatatttt taattatttc ttaagaaaaa aatttaagct aaaagaacca 720
aatgggatat ttttttg 737

<210> 3581
<211> 718
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (718)
<223> n = A,T,C or G

<400> 3581
gtntttatcc tgctcttgca ntcgtaggac cctcgattcg aattcggcac gagccctcct 60

<210> 3577
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (745)
 <223> n = A,T,C or G

<400> 3577

tntatagana	cagctcttgt	tctttttgca	ggatcccatc	gattcgccgc	tgcttgcacg	60
gcgatgagaa	cagcgagggtg	tggcggagcc	tgtgcgcccg	cagcctggca	gaagaggctc	120
tgcgacagga	catcctgtgc	aacctgccc	gctacaaggc	caagatacgt	gcttttcaac	180
atgccttcag	cactaatgac	tgctccagga	atgtctacat	taagaagaat	ggctttactt	240
tacatcgaaa	ccccattgct	cagagcactg	atggtgcaag	gaccaagatt	ggtttcagtg	300
agggccgcca	tgcatgggaa	gtgtgggtggg	agggccctct	gggcactgnn	gcagngattg	360
gaattgccac	anaacggggcc	ccnatgcagt	gccaagggtta	tgtggcattg	ctgggcagtg	420
atgaccagag	ctggggctgg	aatctgggtg	acaataatct	actacataat	ggagaagtca	480
atggcatgtt	ttccacagtg	cancatcnca	ccaaaatata	agataggaga	aagaattcga	540
gttatcttgg	acatgggnana	tatgactttt	gcttttnaac	gtggatatca	gttctggggg	600
nngnttttng	aggactccaa	agggctgggt	attcccagca	nttnatgctg	tatatgggnn	660
cncagaantn	actttggtnn	nactnggnaa	acctttgtac	ggnnacaann	gnnnncttgn	720
natnnctn	nnangnnnga	naaat				745

<210> 3578
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (752)
 <223> n = A,T,C or G

<400> 3578

aaatngctag	gctactcgtt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgagcc	60
cagctctttg	ggaagctgag	gtgggaggat	cactcgatcc	cagnggntgg	agacttgcct	120
gggcaacatn	ntgcancctn	ntctctaaan	atatntnttg	catngantng	cccgncatgg	180
tggtgcacgt	ctatagcccc	agctacttca	gaggctgatg	tggaagatc	ccttaagcct	240
angaggtcng	aggttgcagt	gagctatgat	ngcaccatta	cnctccagcc	tgggcgacag	300
ancgagactc	cgtctcaaaa	aaaaaagaaa	anngactntn	nnccaangga	gacacgtnaa	360
agtcttgcta	attgtcatat	ccactcccaa	ntntagcntt	tctggatgat	gnccattcct	420
nctgcaatnn	ccttatnata	catctnaacn	ttttgcaacc	tatgaactgn	ttcgtanant	480
taattactac	caatacaccc	tatgtacagg	agcatangga	aatcaanaan	antgangaat	540
tnnantctat	taaaggccac	nagaatggnt	nacacctgta	atcccaacac	tntgggaggg	600
cacngcgagt	ggatcacctg	agatcangag	ttcgagactg	gcctggncaa	catngtgaaa	660
cccngtncc	tactaatggt	ncaaanatta	ccaagccgtg	gtggcacgtg	cctgtgancc	720
caagntnctc	nggaagctgt	agcangagaa	at			752

<210> 3579
 <211> 725
 <212> DNA
 <213> Homo sapiens

<220>

tgctcttttt	caaaaggaat	gactttaata	accatagcaa	cacttactca	gttttgtgat	480
ccactccaag	attatgggag	caagaacaga	tactcctgaa	agcaaccctc	accttctccc	540
cgccccctgc	cctcacaagt	cctgcctgtg	tgaactgaag	ggtttggaag	ctctggtttc	600
taggantgcc	cagaagctag	aaagactang	gtgtctagtt	attgaggggc	aattgtcant	660
ggcagtgtgg	gggcacccca	ntggtattcg	aggcactgga	ttgctttttg	nctcc	715

<210> 3575

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 3575

tntatanata	cagctcttgt	tcttttttgc	ggatcccatc	gattcgaatt	cggcacgagg	60
tctcatcctg	aggccacttt	ctagggccat	ttctggcacc	agatgtttta	tttcagctcc	120
cccaaaagca	aaaccctgag	gcagggatct	tggttgaagt	ggggagggga	tcccagaaaag	180
tggggtgagg	gtacggaggc	atgaggtagg	aaagggaaga	aaggagataa	aatgtgtgtt	240
aatgagcagg	ttagcactgt	ggaccaccac	gctcaatccc	actgagacgt	gaggaaagctg	300
ggaatgtatc	caccaggcct	taattttatca	agatgaggat	tactcctgag	atgttaactc	360
cttgtttgtg	gacctaggct	gaacatgctt	ccgtagccaa	gaaagggctt	caggtgaaga	420
gacacagaga	accttctgca	ggccacattc	caggctggga	taaggggaat	tgggtgtgac	480
atcaatagca	tctcatccca	cagtgaacta	agaagataga	agagcaaata	caaggaatat	540
ttgcatgctt	tcaataactta	ctcatcaaag	ggctgactcg	acttanaaga	aattacaaat	600
cctgcttacc	attttccagcc	caatatgctc	acgttggcca	agccacagct	gccttttaaat	660
agtaccaact	cttgaaaaaa	aaaaaaaaact	cgagcccttt	anaactatnn	tgagtcgnat	720
tacgtagatc	ccgaccntga	taagatccnt				750

<210> 3576

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (749)

<223> n = A,T,C or G

<400> 3576

tttgaaancc	ctttgctact	tgttcttttt	gcaggatccc	atcgattcga	attcggcacg	60
aggcgaaaca	ccactgcaag	gtgaacagcc	tgggttacta	gcanaaaaac	atcattcagt	120
ctgtaaatat	ttatgaanat	ctgtganagg	cactaccctt	accctggagc	taacctgtga	180
cccagagagc	aaggactcct	gctttttacag	aacacatatt	cttgtggaat	gagaggggct	240
atcatcaant	aagcaaatca	ttcnatgnan	tgtgttantn	tattttccca	ttgctttaaa	300
gaaatgcctt	ttnctgggta	acttataann	aanagaggat	nnattggctn	atggntccac	360
aggctgtacc	ataagcatgg	tatcatctgc	tcagcttctg	gggaagcttc	angaaactta	420
cagtcatggc	aganggcaaa	tgggaagcca	gcactttaca	tggncanana	aggaggaaga	480
ganagagaga	ggcacgaggt	ngtaacacact	nttaancaac	ctgatctcgt	gagaaccac	540
tatgggtgaga	acagcataga	nggaatgatg	tttaaccatt	catgantaac	caccctcatg	600
atccaatcnc	ctgcaagcat	gnaccaactt	caacactggg	gattacaatt	tgatgtgaaa	660
tttgancagg	gacacaaatn	caaactcatc	actaagtatc	agngcctttg	gaaaaaaata	720
cgtnnntcca	nnentgatag	atncctnnt				749

ntttggnttg	ntnacatgag	tttnatatgc	atgcgcattt	ttggatgcca	aacacatagg	180
cagatgaaac	taagaagcca	gatgctagag	atcgagngc	gatgaattga	aactagccta	240
actggctcca	ctggttgagt	cattngctca	aactactcca	aacttttggt	tgntctactg	300
aaaacattan	tnggaaaggt	acagngntaa	tttanggcng	ggaagcctnn	atcncgtgag	360
agtnaggctc	ntntatgcga	tgctggngang	gaaggatngg	agatgagagt	nattttacgg	420
gcgcctatct	cctcctcttn	ctatcntgcc	ctggactgcg	anctcatctt	tcatanntct	480
ttgcntgggtg	gtaggcccgag	caancggatg	gatttttaagn	atctcagaat	tttcanttna	540
tcannntca	ctntcagagn	tccttttntt	tntcaagggg	acccagtcta	actggtttagc	600
ttcttttcaa	tagncctcct	tactnactta	cgctagtca	nggacgaana	ntaatggtaa	660
ctganttact	ntcctccaac	aaancattag	ntgattngac	tttttacncc	tcattcngan	720
ggcnttagac	cccttttggtg	cactttacnc	aaggatgttg	anacctanaa	ttt	773

<210> 3573

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (790)

<223> n = A,T,C or G

<400> 3573

ggtgnttnnc	cctttgaaaa	ccctttaata	caagctactt	gttctttttg	caggatccca	60
tcgattcgaa	ttcggcacga	ggnaagcctt	catgttccgc	acctgggggg	cggatgttat	120
caacatgacc	acagttccag	aactgtcaga	agataaattt	ctggtgttct	cagccatcca	180
gtttgtggta	ctttgtaacg	gcagccctag	gaagctgatg	caggtgggat	tgattcccct	240
gctccagaga	aaggactgtt	ttcacagaag	aggcgatgct	tgaactgaat	ctgaagggat	300
caatgtggct	tcccttgcca	aggcatggag	tgaagggtga	gtatatccca	agtggggagg	360
acagcacgtg	acatggcgca	gggcttatga	aacaacatgc	cttcttctct	tcangtactt	420
aagctacatt	agtaagacca	gaacttagtg	gtgaggggtg	aagctggctg	gacaggcagt	480
taggagttag	tcangcgatg	gtgagcctcc	gtgccagaac	aacttgtagg	ctgtggaagc	540
aacccgcaaa	gggatggcag	cggtgatata	tatagttgaa	agatcactgt	ctgctgtgta	600
gaggatggat	ttggaagagt	caccanagca	ggaataagaa	gttaaagggc	ctgcaccagg	660
gcttgtagca	tagagtttna	gaaagtcttg	gggagaattg	antcaccttg	acctactgat	720
tcatttgga	ngtgggaatg	caatcatggg	ggtaagtcc	ctaagatagg	acctttnaag	780
tgtanggatn						790

<210> 3574

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (715)

<223> n = A,T,C or G

<400> 3574

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ctctctgcag	ctgctcacct	cctgctgagg	cctctgcctt	cagagctagt	ggggcctgct	120
cacacattcc	agtagtttcc	tctttatttg	tcttgaacca	agttgtagaa	tttaaaggag	180
gtgaagtaag	gcgatttcta	tggaaaatat	atctttcttc	tttactcttc	atgctgagtg	240
cataagaatt	tattatttcc	cctgaatgtt	caaagtgggtg	tgtgtgtgtg	tgtaaaagaa	300
ccaggagcaa	acaatcttaa	taggaatgtg	cgatcttggtg	tttatcttta	gcacacttaa	360
ttagctacaa	cccgggactg	ttgccatttg	aacaagttgt	taagaaaatc	tgccatgttt	420

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(735)
<223> n = A,T,C or G

<400> 3570
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 ttcgaattcg gcacgaggtc tcttggtgcg ctttnatctg tcctctaaag cacaccctgc 120
 cctccctcc tctgtcctca tgccgccttg tgcgtggtcc ccagctggtg gtgtcagggc 180
 aaggacaaag acccnggaca cctcangtct gagtcctggt gattgccagg ccttggggaa 240
 tgggggaaga tgtggtcaga ggctnttctt gtgaccggng caagatgnt cttntgctgg 300
 accggcacct tttgtttgtn ccattggtgg cagatgtgag cnacatcagg cgctttctca 360
 gtgnatttca cgagccacan gtggggctna tccaagccgn ccagcanctg ctgtgtgatg 420
 agcaagcccc acagaggnan aagctgctgg ctgacctcct gcacaacgct anccataaca 480
 tngcggacga gaccnngnct gatgaccccc gtggnttgaa gcttggagtt ncgatttcan 540
 agcangtntg gctatctgan atacanctgt nagagccgga tcccagatta cctgagggan 600
 gtgagctcct accntccacg gtgggtgctg agnctaagag gaattctgct gtcttctca 660
 ttgcagagct ccgtcatcat catgcnctat tcaaagacc aagcggagcg cttgcacgaa 720
 gtgttctgca ggtct 735

<210> 3571
<211> 766
<212> DNA
<213> Homo sapiens

<400> 3571
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 gacagatcct ccctctgcag atggtgagca gtttccact cggctctttt gattgttctg 120
 caattttcaa tgaccatggc acaaatttat ttaaagctga aatacttcac ttctattaaa 180
 gcagttggct gggatatattg tttttgctga aattattact ctaggaggta aatctaggct 240
 ttattttacta ctttgggaaa gtacatttaa aggccatgaa tcagaaacta gggtacaaac 300
 gttaagactc aaaggatctg tatactgagg cctatatattc catgaagtgg ttctctactc 360
 tcagcaaate tagtattgct gaatgttgta gcattataag caggaaaate atcttactgc 420
 acataatcta tccccacaga aacctatgac atttaggtat tatgcaggca tgtgtcttca 480
 gttggctgct tccttatttt aacctatgtg ccctataaat acttcagatc caaaagggtt 540
 tttccacact tcgttataaa aaagtactaa ctagcacata tctgcatttt attccgggat 600
 ccacatctcc aaaaagttga ttataaagtt tacagcaagc atagaattca aaatttcctt 660
 ttttttctaa atgaccaaca atacaaactt tctcatgtac acacacatga gaacacacat 720
 gcatgtcata cacacatcat gcattcatca caciaagcaa gcacag 766

<210> 3572
<211> 773
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(773)
<223> n = A,T,C or G

<400> 3572
 tgaacnttga aacctnttta caactacttg ttctttttgc aggatcccat cgattcgaat 60
 tcggcacgag gttggccttt tcnattcaga tgttntntg caggangtgc ctgngatnna 120

tagtgctttg ggaaaaata tttaacacac tggtataaaa tttgtatcag aag

773

<210> 3568
 <211> 795
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(795)
 <223> n = A,T,C or G

<400> 3568
 tttgaaccct ttgaaaccna tatacaatct acttggttctt tttgcaggga tcccatcgat 60
 togaattcgg cactagatna tagntttatc catacaatat tgcgattgtc tctgggtcttg 120
 ttgcttttcc gcaactagatt gtgagcacca tgacattagg gatcatatct ttncattgta 180
 ctggtancta cacataacan actgcatgct atacgttggn aaatgttaan tnaatgaata 240
 tcttcnaccg ctgacttttt tgatcgcccc aacgcctagg ctgattttct ctcactctgc 300
 ctcanantg tgtgggtgatg catcccgcta gcacctgcag agacanccn gntggtaatg 360
 ttggccacag nncacagctnt gctgccagtg cccatcgatg nggacatgga ggcggtccta 420
 gcttcaagct gacggtgctc ccctgctgat acanaaaactc ctgattccaa agctcattat 480
 tttgttagnt ttatgccttg tgtctntgta tcaccacccc catngntaaa gcctggtnnt 540
 tatgtctgga gaangaaggc aatnggaggg aggaggccta atgngctcaa aatcacccct 600
 tttttntatg aaagtgcctc aaactcattt accttggtc tcananctg aggaatgact 660
 nnttttcttg cnanactctt tggtnctca tttaaaatgg acccctgggg gggaatttct 720
 tttcttcaat ctgacagaan ctaaattttg nccctgttnt caagggnaan caccaactgg 780
 ggcttntact ngggg 795

<210> 3569
 <211> 801
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(801)
 <223> n = A,T,C or G

<400> 3569
 gntnnccntt tgaaaccttt tatacaatct acttggttctt tttgcaggat cccatcgatt 60
 cgctcagatg ccagtcacaa gtcccaggcc tctcactact ctgaccgact ggctacaaat 120
 caggggttcc cactacctcc tcagattaga taatttgctg gataaaaactc aggaaacatt 180
 attattaagg gcacaactca gcaacagccc agtagaagag gtgcacggag caagcaccgg 240
 ggggacgtgg agtttctgtg ccctcctagg gtggcctcct gccagctca cccttggtg 300
 tgcaaggctc ccgaatcttg tagtttagat ttctgtagaa ctcaatctct aatcctttcc 360
 ttttctcttc atttctcttc aggataaggg accggggggg cgggtgctgaa agttccacac 420
 tctangcatt ggggtctcttg ggtgaccagc cccatccaga ngccatctag gagggctgct 480
 tttaatcaca gcgttagcat taacagttgt gattgaaang ggcttggttt gaacaataaa 540
 aaatatttct atctcaggaa atcccaaaga tataggaact gtgccaggaa ctagagacaa 600
 agatgaaata tgtcttatat cacatttctt ttgaattggt taaagtgccaa ataagacaa 660
 aaaaaataat attaacccnt ttatataaca cttgggggta ggtgggtata aaataatcta 720
 aaagatgaat ttaaaagtat tggggggagga tgtacatagg ttatantgcc aaatacctat 780
 gacgttttat ataagggact t 801

<210> 3570
 <211> 735

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gagccaccgt	acctggccct	tggtggaatc	tttagggttt	tctattcata	catataaaat	540
catatcattg	gcaaacagag	ataattttac	ttcttccttt	ccaatttgga	tgcttagat	600
ttcttttntc	tgccctaactg	ntctgtctag	aactcccagc	ctatgctgaa	tagagtggca	660
agaacaagca	tttgccctgt	tnctaaccct	agaaaaaaaa	tncttcaccn	tttaccattg	720
angatgatgt	ttgctgtag	tttttcataa	atgatctata	tcangctgaa	taaattctat	780
t						781

<210> 3566
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 3566						
tatagtaata	caagctactt	gttctttttg	caggatccca	tcgattcggg	caactgtaag	60
aaattcttct	ttcaaggcag	ttgtcttcgt	atctatcatt	ttaccatacc	tggttaaaac	120
agagtccag	gtacatatta	aagcaagcct	tcatacatgt	tgccctcta	tctaaaagcc	180
tcttcccact	cctttccctt	tacctggtaa	tcctgttat	tccttagatg	cctgctttaa	240
agagatttcc	tttggtaaat	cacctgaac	cctcagacta	gtccagacct	ctctttgata	300
ttttcctctt	gacattcagc	atttatccca	attgaaagta	ataattacat	ttgtgtagtt	360
attagattat	ctgtcttcct	tagtaaaaag	taagcttatg	ggctgggtgc	catggctcat	420
acttataatc	ccagcacact	gggaggctga	ggcaggagga	tcacttgacc	ccaggagttt	480
gaaaccatcc	tgggcaacac	agaaagatgc	catcaatacc	aaaaaaagga	aattaggtga	540
gtgttaagg	gcaccagcca	ctctggaggc	tgangtggga	ggatcacttg	agcccggan	600
gtgggaggat	cacttgagcc	cgggaagtgg	gaggatcact	tgagcccagg	aggtcgaact	660
gtagtgaact	gtgatcatgc	cactgcctnc	acctgggcaa	cagantgaga	ccgtgcctca	720
aaaaaaaaaa	aaaaaaactc	gagcctntaa	actatagtga	gc		762

<210> 3567
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 3567						
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gcacgagggg	aaagaaaata	actttgtgaa	gccagtgtat	tctgttttta	aaactgtgcc	120
tgcaagtcaa	tactccttct	ggtgtatttt	atccattatt	tcacttgctg	gtcgtcattt	180
cacagccagc	tttgacatgc	ccgtgaggac	aggagccgcc	gcttcagttg	tcactgcaga	240
gccatcgtat	gtcagttgca	atttccatct	gaagctatgt	ccttgacttc	actttaagca	300
gaaaattttg	taccctgggtg	gtcagagtctt	cccttaaaaa	ttgttaaatc	atttggcttt	360
aatggttcaa	taatttgggg	tggttctcatg	gtgtttcttt	tcttcccagt	ttaaaaaaa	420
aactttttta	gcgtaaaatc	tttaaggggt	acacatttat	aagtctggct	aatttcta	480
atgctaatta	aacatttccc	attttaaggt	tatatacagt	gaggtctctc	aggacaatta	540
ttttctgggt	tgattgggca	tatgtttgcc	cgtgtaaaca	cggatatgat	aaagtgtcag	600
taacaatgga	aaaggtccca	gaggcattag	gcattctaaga	ngatgccttc	agaaacgtat	660
tctggcttga	tttgtgttat	taacttcaga	agaaccttcc	aaatgtccca	atatcgttct	720

ttncgcaggg	atccccatcga	ttcgaattcg	gcacgcaggg	cagcnccttnt	atctngtntnt	120
ttaaactctg	gccngccntt	cctaattctc	agaccaacaa	gtagtggtttt	cccattcgga	180
tcgcttanca	naaaatgagg	agagtcttgt	ggccatcanc	tttattgnaa	gccgaaccac	240
tgtnagcaaa	aataccaagg	agaggntga	tcccactntt	gnaanaaaaa	gaaccatgag	300
ggccctgcnn	aatncaactg	gaccntgggg	atactcactg	aagaagggtgn	atctatttag	360
gaatgcaaat	tgtcttncta	ccccagacnc	cccaacaana	aanacttggg	gtgganggtg	420
anatatnca	gccagnaan	aacngtttgc	atntntcctt	nttggttnga	caaagacntg	480
ntnccanatn	gtcctcaaag	gtacataaat	acanacatat	gatatttggtg	tatatataaa	540
cacatatgtg	tagtaanatc	cnn cattttac	cttggggnga	gacttgaaga	aacnccagcc	600
ttctttctag	agagcctctg	cttctgggtat	tnacctgtca	caaaagccca	tacctgggtg	660
tcaaaccctt	tccttgtaac	tgangggagng	catnttacga	atatgggngt	agagtaaagt	720
agccaagtgc	ntatnggaaa	atttaagccn	gaaaaannna	attannaana	attccnaaaa	780
cagcccaata	atctnnaggn	tgggggaaann	aaaaaccgcn	nntnggttnt	tttgtntt	838

<210> 3564

<211> 676

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (676)

<223> n = A,T,C or G

<400> 3564

aacctnttta	cantcactgg	tcttttgcag	gatcccatcg	attcngtgaa	gtggagatat	60
gtgaatgacc	ttgntctttt	atttgaaata	tattttccta	tgtcttcatt	ttccttcact	120
gtctgtgggtg	atztatgtgc	atcagataag	acaaccacct	ctcccagnct	cgtcagactg	180
gtctcataca	ggagaaagat	ctcaacaatg	tatccngcca	gagatttttaa	gggcttctnc	240
aatctcaaaa	acagactgct	atatctcctt	tttgtggccc	actggagcnc	ataatgtgnt	300
atgtcctgtc	agaaccctca	tgaatagnat	ggtaggagca	agactcttta	gacatanctg	360
aaaagcttac	ttggtggatg	tgtgtatgca	gntccttcta	tcttcanggn	gaagttganc	420
aaagatgttt	atctcccact	attctgtcta	acccgaaaga	natatttgte	tccattcagc	480
tgcccctctg	tcctggggag	aaagtagngg	aagggggcca	tctgtgtcac	ctcttgnttc	540
tngggctatc	tctcantggn	tctacactta	tanctaana	ttttcaagnt	ctgtgcgggtg	600
gtgcctcaaa	cagngtgaat	atccatnaca	ggtggggggg	cncgaagggt	ancataactc	660
ctcatatgan	anntat					676

<210> 3565

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (781)

<223> n = A,T,C or G

<400> 3565

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cgaattcggc	acggaggcca	tacaagagac	tccagatatg	cagctagaga	aacttaagga	120
aggtgagctt	atcaacgtgc	attcagaaaag	tgggttatgat	tacaagaatg	aagatatccc	180
agaggaattg	acattgtcag	aaaacttcac	attaatcgaa	ttctcagaga	tgtctcacia	240
cattgaaagc	acaaaagatg	aaatggttaga	agctgggtgca	cagtaaggat	aaaggagtat	300
ggcagttcac	caaggcatgg	aaaagatgcc	tgctccatat	tgtaagtta	tacagtgaga	360
agaaggaggc	gaacatagtt	cagactactc	ttggttaggtt	tttaccaaaa	aataaaaatat	420

<222> (1)...(771)

<223> n = A,T,C or G

<400> 3561

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ggtgntttnc cttgaanttn tatacagcta ttgttctttt tgcaggatcc catcgattcg      60
aattcggcac gagctcagct catgggaatn tgccctctcac tggctctcac tgggtttatc      120
ccagtgacca attctaggat gaccagaaga atgattccac tgggcttggg agtgtttgct      180
ggtacctcta atctctgngt anagttnatg gtacctgtgt gctctgtggc taggtcctca      240
gagtcagtcc ctgggcaggt actgtcagcc ttcagttttc cccacagact gtgttcctgg      300
gcctgaatcg ctcagactac atgttccagc gcagcgcaaa tggctcccca ncctgaaaca      360
gatcgaaatc aacaccaact ctgccagctt tgggggacctg gcctcccgga ccccanctgt      420
gcaccggtgg gtcccttggg cagnccccgg catacctgtg gggtgacatg ctgatgggtg      480
tacagtcact ggctaggcca gggaactcca gctatgattg tgcttttctg ggccccgggt      540
cacatgttgc ccctgnccac cccgacagca gttnncaact gtaatgagat ccttggtatg      600
tcaaggagaa aaaggacctc atagctcatc tagtgctgtc ctccattgaa caggcagaag      660
gaacaatatc ttgaaaaccc caaaatanag gaaatgcaag ggacttctgg cttggnggct      720
gngcctggta catcatttct accagcattg atgctccagg ttcaatgatt t          771

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<210> 3562

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 3562

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ggnnnntnnn ccctttgaaa accctttata caagctactt gttctttttg caggatccca      60
tcgattcgaa ttcggcacga gggacaaaac gtggcaaaac aacactggct aagaatttgc      120
agaaacacct cccaaattgc agtgctatat ctcaggatga tttcttcaag ccagagtctg      180
agatagagac agataaaaat ggatttttgc agtacgatgt gcttgaagca cttaacatgg      240
aaaaaatgat gtcagccatt tcctgctgga tggaaagcgc aagacactct gtggtatcaa      300
cagaccagga aagtgctgag gaaattccca ttttaatcat cgaaggtttt cttcttttta      360
attataagcc ccttgacact atatggaata gaagctattt cctgactatt ccatatgaag      420
aatgtaaaag caggaggagt acaagggtct atcagcctcc agactctccg ggatactttg      480
atggccatgt gtggcccatg tatctaaagt acagacaaga aatgcaggac atcacatggg      540
aagttgtgta cctggatgga acaaaatctg aagaggacct ctttttgcaa gtatatgaag      600
atctaataca agaactagca aagcaaaagt gtttgcaagt gacagcataa agacngaaca      660
caacaaatcc ttntgaagt gaattaggaa actccnagga gtaatttaag accttnacca      720
agatncatgt atactgnggt acaatgacag ccatggttca tatggttgat ttttattgcn      780
catggt          786

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<210> 3563

<211> 838

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(838)

<223> n = A,T,C or G

<400> 3563

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ggnagnnnngn nntttnnncc naccggancc acgtgaaccc ttgtttanaa cccctngnnc      60

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<211> 778
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(778)
 <223> n = A,T,C or G

<400> 3559

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gggnttnnnc cttttgaaan cttttataca agctacttgt tctttttgca ggatcccatc      60
gattcgaatt cggcacgagg gttgttctag gtagtttcat gcggatgctg acctaaacta      120
gaatgtagaa attagtagga aagtgaatgc ccactagggtg gaaacctgaa agcacgggga      180
cctgcgatct tgtttactgt tatattcctg ctgcgcagct caggggtctct atgtaaaaaa      240
tgagtgaatt tattttctag ctggtgccta caaaaataatc tgcaatgtat ccatactggt      300
ttattaatgg taacaaatga accgtactaa tatgagataa taggggaaac tagatatgga      360
gtgtatggga attctatctt tactatttct ggaaacctaa aactactcta aaatagaagg      420
tttatgtttt gaaagcactc tgcctattgc gctcttgtct gaaaagtga gacctggcctc      480
aagccacttt gagtatttct cttctgccag ttaattatct taccattgcc tctcagtgat      540
attaagagaa aacctatcct taacattttt cattactttt taggttcaaa atgagcctgt      600
ttggaacaac ctcaggtttt ggaaccagtg ggaccagcat gtttggcagt gcaactacag      660
acaatcacia tcccatgaag gtccacgaaa agctttctgg ggcttgtagg aagaagtttg      720
ggcagagttt cttccatcaa nggccagaac ccgagatgac cttgggaacc tcctttan      778
  
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<210> 3560
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 3560

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ttgaancttt atacagctct tgttntttnt gcaggatccc tcgattcgag aaagaaaaag      60
aaaaaagcca tatggcatag aaaaaaaaaa ttctgtcttt ggaggaaaaa ggaaaaaagt      120
cccaggtttg aagccagttg tggcctotta ctaggtatat tattgagtct ttcagctctg      180
tttcaaaatc tagaaaatga gttcagtatt acctgtttta atttgtgaat aacgcattga      240
tgtacaccct ggattcccta aaactgtctt aactgcgtga gtccagtgga ctcagtgcac      300
gagtctaaat ccttagactt ctatcagacc ttctccccta gcagtttcat ttgctcttta      360
aatacaaaaca ttggacactc atgcagaacc acagaaatca tgtagacaaa ctagaaatta      420
tcgtgcactc acaaattata gcttccatta ttaggtaata catgctaaac cctagcaaac      480
attaagtacg tgaactccta ttactaaata gtaatcactc aagtaaactg gacaaaatgt      540
cttacggagg gtcacatctc atgtgaaatt aaaccatggt gcaggcagtg ctacacctga      600
gatttttacac aggtatttac atttcttttg cttttgtggc aatatgtgcc tgtaagata      660
ggctattaga gaactgggca atgagnaacc ctacaccnta aagtacaagg aagnnatgtg      720
ccatatcagc agattttttg cttatttagt tagtaatgaa tcctcaaact ct              778
  
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<210> 3561
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

tttaggcgat	gatgccacct	gcacatggaa	ccaaaagatt	tgcagttgga	agatgatata	600
atcggctgta	aagaaatgcc	cacctctgaa	aactgtccat	cttttgctct	acatcagaaa	660
ataagtagac	agaaaccacg	tgaatgtcag	gaatatggaa	agaccctttg	tcaagactca	720
aacctgttca	catgaaagaa	tncatagtag	tgaa			754

<210> 3557
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(751)
 <223> n = A,T,C or G

<400> 3557						
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catttattga	agagacaacc	ctttcctcat	tgtttgcttt	tggcattctt	gtcaaagatc	120
agttgtccat	aaatatgtgg	ctatatctct	gggatctctc	ttttgttccc	ttggtctaca	180
tgtctgtttt	taatgggagt	atcatactgt	ttctattact	gtaattttga	tgtatatttt	240
gaaatcaaat	agtatgatgc	tgctagctcc	attctttatg	cttgagagtg	ctttggctat	300
ttagggctct	ttctagtctc	atacaaattt	taggtttatt	tttatgcttc	tgtaaaaaga	360
ggccattgga	atttttagtag	agattgcatt	gaatcttttag	atctctttgg	atagtattga	420
catattaatg	atttctaattt	cttgaatcta	tgaacatgag	atatctttcc	gttcattgtg	480
gtattcaaca	aattcattat	tattattatt	antattatga	ttattatcat	tattattgag	540
acagagtctc	aatctgtcac	gcaggctgga	gtgcacgatt	tcggtttact	gcaacctctg	600
cctccggctt	caagtgatcc	tcttgccctc	ngctcccaag	tagctgggat	tataggcacg	660
tgccaccacg	cctggctgaa	taattggatt	tttagtagag	acngggattt	taccatgttg	720
gccaaagtgg	gtctngagcc	tttagaacta	n			751

<210> 3558
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 3558						
agtnnttnt	ttttgactcc	ttgctggnet	cttgttcttt	ttgcaggatc	ccatcgattc	60
gaattcggca	cgaggccaca	tagcaatgg	ntaactgcag	gactcaggtc	cacttgccca	120
gcagctggca	gggaagggcc	atgaggcagt	agagtcctta	caggccaaga	aactgagcag	180
aacctatgcc	tccagctcac	cagctgcatt	gaagccccca	gctggcaggg	agactgctgt	240
gaatggacag	ggtgagctca	tccccttgaa	gaacattgag	ggagaattgt	caagtgtctat	300
tcacatgacc	aaggatgcc	ccaaggagcc	tctacatgcc	accatggacc	tcaccaagga	360
agctgtgtcc	ctgactaagg	atgccttcag	tttgggcaga	gatcgaatga	cctccaccat	420
gcacaagatg	ttgtccctgc	ccccagccaa	agtctggtcc	agaatctgtt	ccacaggatc	480
tctttcaaat	gtctcagata	atgctggtgt	tcaagggagc	cctcttgtga	ataattatgg	540
ccaggggtca	ccagcagcca	acagttcaat	ttcaccaggg	ccctggaccg	ccaaacagct	600
actcanctgc	ttaactggcc	cacaagtaca	gaccagagac	aaagcaagag	aagaagcaga	660
gactgtttgg	cccgggccc	agaagaagct	tgctggcnaa	ggggacgttc	caacgaagag	720
accactgtcc	ttcagagcag	anttaca				747

<210> 3559

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gttagaatgc	attattttta	cagaggaaca	attgcttgta	tgtactaaca	ctgnactctt	420
ggcttgccctc	aagttctact	cattattnta	tataaaatac	tattaggctg	ggcacgggtg	480
ctcacgccta	taatcccagc	acttttggga	gggtggangct	ggcggattac	ttgaaggcca	540
ggagttcgag	accaccttgg	ccaaaaatgg	ggaaaccccn	atctctataa	aaaatacana	600
aaattanccc	angtgtcatg	gataccatgc	ctgnaaatcc	ancttctttg	ggaaggctga	660
aggcacnggg	aatcgggctt	gggccccggg	gaancacaag	tttgcaaatg	gagcccaaga	720
nccatgccac	ttggaccena	aancctgggg	tggacaagag	tgcaacactt	gnntcanaaa	780
aacccaaaaca	aaaaacatca	gantantggn	ttggngaagc	cnantttgc		828

<210> 3555

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 3555

gcnnnnnctn	gggaggggng	nttgnggggt	nnccctttct	caaaatanct	ggacntcnna	60
ctcgccnaaa	canataggnc	ggggcgcat	acatgattct	gncttaacga	agatagaagc	120
atnttattgc	ataagttttc	ttctgtgtgt	gggaatcata	tgtgggtgta	tatatgttta	180
aggggtatgc	atccgggtag	acgtttgtgt	gtggacatgt	gtgtacaggt	atataagtac	240
atgtgtcata	gccttggtac	aggtctcata	gccttgcagc	actgtgttcc	tggcgggagt	300
ggcatcngtc	tgcatgtctg	aaaatgccac	gtgtgcattc	tgtgtatcac	caaggtnnng	360
ggctgtaggc	atcctctctt	cantgcgtca	gaagtctgaa	gaacatgtag	cngcaccggg	420
gcgncatgag	aaagnaacnt	gtaggattta	tnaactcatt	tcttgaagcc	actcactgt	480
tgnttttaag	naccaannnc	gattgccc	tgccaantac	agaanagact	tentttgggt	540
agtacangna	tgagngactt	ctctccnnng	gncnnnctat	aatgaactnt	cngaactctg	600
acttcncgca	ncagtcncnc	ggactcccc	ganctgggct	nnttccgctc	cccacannga	660
aatnangcnn	tnccccattc	cccaaangnc	gnccccccnn	ctnccncccc	nncnccccac	720
ccnccnccnc	ccnccncccc	ccnccnccnc	cancnccnnn	cncnccnccn	ncnccnccn	780
ct						782

<210> 3556

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(754)

<223> n = A,T,C or G

<400> 3556

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cgcccagctc	cgaggttgga	gcagccccgc	cgggcaactt	gaatttctgc	aaacgaacac	120
agcaccggga	gctctgcaga	cctgtgtcgg	cgcggaaccc	ggactgagac	atgccttttg	180
aacttctcag	atagaggaac	cccagtgaag	actgatcagt	tcttacaatt	ctcaaagcat	240
ggcccataaa	tatgtgggtt	tgcagtatca	cggatcagtg	acatttgagg	atgtggccat	300
agccttctcc	cagcaggagt	gggagagtct	ggactcttcc	cagaggggct	tgtacagaga	360
tgtgatgttg	gagaactaca	ggaacttggt	gtcaatggca	ggacattccc	gttctaaacc	420
acatgtgatc	gccttatttg	aacaatggaa	agagcctgaa	gtgacagtga	ggaaagatgg	480
aagaagatgg	tgcacaggat	aagaaagctc	cagtctacaa	acaaaacatg	ccagaagatt	540

ttaaacccttt	tgacacccta	cttgttcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgaggtgggg	acgagccctc	cccacctga	gtccacaggg	agatccacag	ctcacggagc	120
ctggccgagg	acccctccca	cccctgcctt	gccggccctt	gcacatttag	gatatgctcc	180
tgggtgggga	ctgggtgtg	cccagggcct	ctgtcccca	ggatgtcttg	tgggtcgggt	240
cggccgttct	gccccccagg	gcacccctg	ttgtaggcac	tggctaggga	ggggcaggcc	300
tccttctgcc	cctcgagaca	ctcttgggag	atgcattttc	cgtctggctc	acagggggag	360
ggtgaggctt	tgacccccag	cccctgcccc	agccactgtg	aggggtgggtg	ctggctgagc	420
ccccggggca	acangagcca	agcangtgat	gtctttgttc	tgggtcccca	cagcagaacc	480
aggtgagggg	gcgcctgcca	nggccagacc	caagtggggc	agcctgaacc	tgcttcccct	540
gtggccggca	tgccccgatc	tttacacact	ggtgaccctg	aaagaagaag	gaggaaggaa	600
ccttgcnngg	gtgtctgaag	gccgcactgt	cagcttggcc	ggtccaaacc	tgtnngcttg	660
aacttggggt	ctgtttacct	aataaaaagt	cccacaagt	ccctnantta	aaaaaaaaaa	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnt	780
ntnnnnnttt						789

<210> 3553

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (775)

<223> n = A,T,C or G

<400> 3553

ttgaacnatt	tganaacctt	tgactntttg	caggatccca	tcgattcgaa	ttcggcacga	60
gataacactg	agaaaggagt	atggtatact	tggtttgaac	tgtgtgctac	actaccaggc	120
cccttccaca	ttatactact	aattttattt	aatagatag	gtatcacact	gagaggatat	180
aaaaaaaaatt	tctgectctt	cattttttgt	tcttgtttga	acagaaaaaa	tgacccaaat	240
attgggagta	cttctaagga	aaaggcaaca	cacattccag	ttaacacttg	gatgtgaaaa	300
tatcaatgaa	tattagaatt	tataagtcaa	actggctctg	ctcgctgatt	gcaattttta	360
gttacattca	ctattttgtg	ctaaatttaa	gtcattggta	tacgactggc	cagagtcctt	420
ggtttttaaac	attactgaga	actttatata	tactcttaat	gggtatttta	tataatgtcg	480
aatgaaactt	ttatttttag	atttttaaaa	aatattttgc	actttggact	taattttaca	540
ctaaattgta	tcagccagcc	taagggcatt	atgctaaatg	taaacttagt	tcttgggttaa	600
gctttttatt	aaagatangt	ggtgctgtaa	gttaatatat	tgtagtgaag	gtgtggggaga	660
aaagttaaat	tggcacttaa	atcttanttt	tcaaggaaaa	cgtgtcccg	acatactgca	720
ttatgatgga	cttgtctcan	gtgaagtga	gaagtgaag	aatcaagtgt	atggc	775

<210> 3554

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (828)

<223> n = A,T,C or G

<400> 3554

ttnnnannat	gnnaaaggng	cagccncttt	gnaacccttg	gtaaagcccc	ttgttctttt	60
tgcagatccc	atcgattoga	attcggcacg	agtatctatt	ggcagcaaag	antntttatt	120
ggtatactac	aatatgattt	aactgttatt	ttggggataa	atagtagaaa	aaagtgaaac	180
agaatgaagg	caggtgtttt	ttatttcta	gatggaataa	tacagagata	ctggacgatc	240
tctagcagtt	aattattgtg	acccatataa	aattatacag	gtcacagtat	aattctctat	300

<220>
 <221> misc_feature
 <222> (1) ... (769)
 <223> n = A,T,C or G

<400> 3550
 tttaaactcta tatacangct acttggttctt ttgtcaggat cccatcgatt cgtaacagac 60
 taaatttttct ctgtaagagg ttattttccta gatagttaat attttttggtta ctactttgtg 120
 ctgtatttta taactattaa ggaatgttgc agagaaatgc tatcaattgt taaaattttg 180
 ccatgaatac agcagcctca ctgaattctc ttagtagttc taatagcttg ccatttgatt 240
 ctaacagggtt ttctatgtaa aagatgggtg catcttcaaa caatgatagt ttcatttctt 300
 ctctttcacc tcttaccttc cttgtgtttc ttttagcattg ggcaggctct tcagggatat 360
 gtgaaacagt ggcagtaaca accagacatc ctggcctctt tgtttttttt tccatgatga 420
 agtctcactc cgttgcccag ctggagtgcg gtggcacgat ctgggctcac tgcagcctcc 480
 acctcccggc ttcaagtgat tctcctgtct aaccccccaa gtacttggga ttacagggtcc 540
 tgccactaca cccgactaat ttttgtactt ttagtaaaga caggggtttca ccatgttggc 600
 cagctgggtg agaattcctg acctncagtg atccacctgc ctgctcctct ctaagtctct 660
 ggattacaag tgtgagccac cacgcctgcc attgnggcct ctttattggt cttcttgaaa 720
 atgccttgaa gtgtcttaac acacataatg ttgctgtaaa ncaatgatt 769

<210> 3551
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (765)
 <223> n = A,T,C or G

<400> 3551
 tgaacctttt tacacctctt gctctntttg caggatccca tcgattcgga aaaagagatg 60
 ggtcagggag gaaagccaag atggaaaatg gatgggaatg aatgaggaac atgatgtggg 120
 ttgggggtgtc aattcatggt taatacaaca tgtgtggctc agtataacca gattgtcata 180
 agaagctcag gcagctctcc cctctgttg cctggggctt ttcgcagtta caataaaaagt 240
 ggaaagatga agaataaggg caagcagaag acacacacat ttgcctgttt cctctttttt 300
 gtccagattg agtagatggg aggcagggtt gttacccatg atggtgtttc ataccagagt 360
 caatctacta gtttgccttg ttttataggc gtgattccca aattttgaat ctgaagttag 420
 ctgtcagttt aaattcagag ggtccgcagt tgtttttcag gtttttcttg attctgcctt 480
 tggaaaccag gaagatgttg aatttacttt tcatctgaca atattgcaca tctgtgaacc 540
 caactgatct gaaagtgttt acctcttaac tctgtgaagt tagctgggta ttctggatgg 600
 ctgggacaat ggtgaggacc gttataatgg ttactctcac ctgtgctcca gacgctccac 660
 ttggtgctag aaatcacagt gaacaaacat gggtcttgcc tccacacact tgcagttant 720
 agggcagact gacgacatta aaaagatcca tcgggggtggt ataata 765

<210> 3552
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (789)
 <223> n = A,T,C or G

<400> 3552

<210> 3548
 <211> 883
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (883)
 <223> n = A,T,C or G

<400> 3548

gnnnnagnna	gngnnnttnn	ncntnttaa	ccttnnacan	ctcttgnctt	ttagcangat	60
cccatcgatt	cgaattcggc	acgagattta	atcttccata	agatntttcc	tcagtgtctt	120
ttacttcttc	tcctgccatc	agattcttac	cttgattgaa	aagccatgtt	aagtgcagg	180
caaattcttt	acgtctttat	acagagatta	acaatctctg	ggtgatggga	gcgttaagt	240
attaaccttt	gtcactagta	natgtgggag	gtagaaaaag	tgtgccctt	tttgggtctc	300
agtcctcag	ttctgcaatt	acaggcagcc	tcattattng	gncaaata	tgtaaaattg	360
atanncata	tccaattaaa	aaggatggtg	agnggcacaa	aaaaaagaga	gagagattga	420
ttatnaccta	gtccttgata	gcccacaggg	gngaataatg	tcataataa	ttggattggn	480
cattggataa	taactaaaac	cnaatttgga	ttgtccgaac	acaaatatta	agcttgaggg	540
gatggatacc	ccatcttcca	tggacgtgga	ttattactga	tggcatggcc	tatggcaaaa	600
atatctcatc	tgnggcataa	gccccaaact	aaggtncctg	ccaggaatta	aattnaccaa	660
nnnngccctc	cgagncctct	taaaaacctc	ttagnngagg	tccgggtant	acccgtagga	720
atncccgagc	ccttggaatn	aaggaatacc	catttggtat	ggaaattttt	gggacacaaa	780
ncccnccaaa	cctttagnaa	atggcccngt	nggnaaaaaa	aaaaaanggc	ctttttaaat	840
tttgggggga	aaaaaatttt	ggggggnaan	ggccctattt	tgg		883

<210> 3549
 <211> 768
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (768)
 <223> n = A,T,C or G

<400> 3549

actattgaca	cctcttgttc	tttttgcagg	atcccatcga	ttcgctccct	ctgcttcctc	60
aaacccaggc	ttcgctgcct	ctgcggagtt	cttacctgtc	tctcctttcc	accggggttc	120
cctggaggaa	gctaaactca	gaccaaggcc	ctgggctccc	caggagttaa	aaggggaatac	180
gctgtcccaa	gattctagaa	tgaagagtca	acgtagcccc	agtggcttaa	acctcctgtc	240
cttaaagtca	agaaatgttt	tctatcgagc	cctggacagg	tgtctctgct	ggcctggggt	300
tttcaacagg	tcatgcctgc	ctcagacccc	agggacaaat	gttcttccag	ctctaactca	360
ttctatgctt	taagcttttg	acctatcttt	gttttcccag	tgccacacca	aatgctgcct	420
ggggatctct	ctttcttcc	gagttcccat	ataagaagcc	ccccatttaa	gaattcagtt	480
ggaatgggtt	gtatttcaaa	agttgctttg	caagttagtt	atttggattt	caagttgcat	540
tttaccaggg	taacaatatt	ataatgattg	gttaccttcc	cagagcaatc	cagaaatgcc	600
cacataaccc	atgtcacacc	tgaaccaccc	tgagttcttc	tatccttgaa	cctcttaagc	660
tttnccttaa	ctctaacagg	tctcatggtc	cactcaagggt	gtttcatgct	tctcaantac	720
gtccctttcc	actgntgtct	acctntntc	caaacacaa	acaaaaca		768

<210> 3550
 <211> 769
 <212> DNA
 <213> Homo sapiens

<400> 3545

nnnnnnnnnnnn

10

<210> 3546

<211> 936

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(936)

<223> n = A,T,C or G

<400> 3546

ttangtgnac	nccctggana	accacttgnt	ttttntgcag	gatcccatcg	attcgagnaa	60
atngtcctgc	antcctatat	gcngaatttt	ntnnatatct	tgacccaaaa	taactggggt	120
aaaatatnta	gtngaaacct	tgtatatatt	ataaacttag	ctttgtaata	ttaagtatga	180
aagcagcana	natagatagt	ctcagaagaa	gaagaaaatg	tataaatnct	tggggagagc	240
tgtgataaan	ngactagact	tacctttgag	ttcctagccg	atccctacct	gacagctttc	300
ccagctggga	aaaatctgct	tgggcaaggg	aaagggggaa	tatgattatt	ggangaactt	360
cccaccttat	agggactggc	aagaggggat	acatgaccag	ggaatgaacc	ataaaaggga	420
gagaaattgg	acattttaa	tttacangga	attaagatga	gatctaagna	taatttgaaa	480
gattttgaaa	naaagagcca	aatccgagga	aagatgtaag	gaaagtgatg	gggangggaa	540
aaaaaattat	gggatggtna	agactttcta	aagttaatgg	ggggaggaaa	tccaanggac	600
caccaagggt	aaggtttaaa	gaaggggaaa	gganccaaag	gaattttaan	ggaacccatg	660
gttttttcan	cccccagaac	caggggagaa	anccaaangg	gaaaggaaa	ganccggaan	720
ggcttgagc	cnccagggg	gggcttnac	cgncctggg	taattcccc	acccncttt	780
ttgggggaag	ggcccaaang	gccgggggtg	aatccancgn	angggcccn	ggagaaatng	840
gaccanccca	tnccnngggc	ctaaaccacc	gggggnaaaa	ccccccctct	tnttacctta	900
aaaaaatccc	caaaaaaaaa	accgcang	gggcatt			936

<210> 3547

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 3547

tattatacan	ctacttgttt	tttttgcnng	atcccatcga	ttcgaattcg	gcacgagatt	60
atacagttcc	ccacattgaa	gttggaaga	agatatatgg	agagcagttg	aagacataag	120
gggctctggg	gaacagcata	gttttgcttt	aattctccag	cttggtctca	gtaagggtgg	180
aaggagaaa	agaggaagta	tcgattttac	agacgtcaca	tcgtactgct	aagaacagac	240
agaaaacttg	ttgtaataac	ccgtacacac	tgtaggagaa	ctaaggaggc	ccctggtgta	300
gcaatcattt	tcccaaggat	gacggattgt	gaggcaggaa	ggtgtgaaaa	gaggcagtca	360
tttatataat	tttgggggtt	ccgctgagga	aacctgagtg	aactcacttc	agatgcattt	420
ggaatatatt	aataaaaaat	acttgatttt	ggctgctgca	ggaactgctg	gaagaaggaa	480
acaatcctag	aattggcata	aaaacacact	gactcattac	tcctctttgt	tactattagg	540
catcagagat	acatgttttg	ttgatttttag	ttacagaaat	gagacaaagt	tgaatctgaa	600
tacattggct	tncttgttca	aggagctcct	cttgatata	atagctatatt	catgaaactt	660
cttagagaa	caaccatgat	acttccaaca	agctatttta	gaaacaaaaa	ttatgctgga	720
tctaattact	cctaaaatgg	tcattttcaa	tgaatattgc	actgattct		769

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (734)

<223> n = A,T,C or G

<400> 3543

gcttgnctnc	tnctttttca	aatngctnng	ctactngttc	tttntgcagg	atcccatcga	60
ttcgaattcg	gcacgagagt	ggctggataa	aaggatgtgt	gggaaagaac	tgagttgaaa	120
ttaggagtta	gaattttatt	ctttggtact	aaggaatcat	tgaagatttt	aaaattaggg	180
ctgacataat	cagatttgag	tttggaacc	tatagtttgg	gactggagga	agacaggtgc	240
cagacaccag	ttaaaaagct	gttattttct	aagcagtaga	caaaggttta	cactgacaat	300
agctgtggag	atagagaaaa	gctgcgagat	ttcagagttt	tccaagggtg	aaacaactaa	360
attttgtgat	caaaatgata	agggccatct	aataagctgg	ggaatgtggg	atctgtcttg	420
gttgagttgg	tggattaact	ganattaaca	gagctggagg	aaatgtaaaa	agaaaggcag	480
gattgttcat	tttgtctttt	gtttgtttnt	ggggaacagg	gtcaaaattt	tcattctgcc	540
taangtaggt	tttagtcttt	ttcaaaacat	tctagtaggc	aagtctgtag	ctgaatcttt	600
ggaagaagg	caaccattag	taatattttt	tgaagttccc	tacctgggta	attttttcaa	660
taaaaaactn	aggttctcag	gtagcnaga	atcatggtct	taggaagggt	ancttgtaag	720
accctaaatt	atnt					734

<210> 3544

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (768)

<223> n = A,T,C or G

<400> 3544

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ttcgaattcg	gcacgaggtt	cttcaaagcc	aaccaagaca	ggcttagcag	tttttagagct	120
tcagaacaaa	ttgccaaaag	ccagagttgt	ttatgctagt	gcaactgggt	gcttctgaac	180
cacgcaacat	ggcctatatg	aaccgcttgg	catatggggg	gaggggtact	ccatttagag	240
aattcaagtg	attttattca	agcagtagaa	cggagaggag	ttggtgccat	ggaaatagtt	300
gctatggata	tgaagcttag	aggaatgtac	attgctcgac	aactgagctt	tactggagtg	360
accttcaaan	ttgaggaagt	tcttctttct	cagagctacg	ttaaaatgta	taacaaagct	420
gtcaagctgt	nggtcattgn	cagagagccg	gntcagcaag	ctgcagatct	gattgatgct	480
gancaacgaa	tgaagaagtn	catgtggggg	cagttctggc	tgtcaccaga	ggttcttcaa	540
atacttatgc	atagcatcca	aagttaaaag	ggttgtgcac	tagctcgaga	ggaaatcang	600
aatggaaaat	gtgtngtaat	tggtgcagt	ctcaggagaa	gctnnaacat	tagaactttt	660
gaagaaggcn	ggggagaatt	gatganttgg	ttcaactgcc	aaagtgtgtg	cantcactca	720
ttggaaaaca	tttntgctc	cagcngggaa	aacttatggt	tacttggn		768

<210> 3545

<211> 10

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (10)

<223> n = A,T,C or G

gtcaaaatca ttctggttnc aggtaaatgg acaaanggag atttgccttc agtgtctaaa 780
 aggcgaattta cttttcaagc tgncttaatt acctatgggt 820

<210> 3541
 <211> 767
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(767)
 <223> n = A,T,C or G

<400> 3541
 nnnnnnnnt nnnnnctntg aagcnanagc tcttgttctt tttgcaggat cccatcgatt 60
 cgaattcggc acgaggctat gctaaacagc ctttacatgt atggctctggg taaagttcct 120
 ttgttccttt tgttttaata aaatgtgtca ctgatttttt agctcaaaaa tcatcactgg 180
 taattccaag cccccaat atgggttaaaa agattttttt ttaatcatg aagagaaaat 240
 tagtagcatt ctttctctcc cattatttat tggttttcct cactaatctt ttttttttta 300
 gtccaaaagc caaaaatatt tatcttgggt ttacatttta atttccattc ttaattgtaa 360
 tttttttctt taaataagga aaccaatata atctcatgta taaaaactta aatattttac 420
 aagttacata tagcatcatt ctaaaataag aatttttttt gntttctgtc tgcttttttc 480
 ttatgtctct tgntgagttt tatattttca gtgggtattt ttgcttgngt tagatcatta 540
 ttaaaatata tccaatgncc ctttgatact tngctctgct tgagaatgtc cagtttgcac 600
 taaacatccc agtctcatcc ttcaggaatt tgcagtcaat gagaagangg agacaaattt 660
 aaagatgagg acagaagcat ctntacagat gaaaattacn taaataaaac attctccatc 720
 aacactaaaa aaaaaaaaaa aaaactcgac ctttagaact ntagggn 767

<210> 3542
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 3542
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 aagcatttag tcagagcttc cacccttatt cagcatcggg agaaattcac actgggagaa 180
 aaagcctcac gttgtggtaa atgggtatgt ggaaaagccc tttagttata gcttcagtgc 240
 tcccgaagc accagatcat ccacacggga gagaagccgt acagatgcag tgtctgtggg 300
 aaggccttca gccacagctc agccctcatt cagcaccagg gcgtgcacac aggcgacaag 360
 ccctacgctt gcacgagtgt gggaagacct ttggtcgcag ctccaacctc atccttcacc 420
 agcgagtcca cactggagag aagccctatg aatgtactga atgtggaaaa accttcagcc 480
 agagctcaac cctcattcag catcagagga ttcataatgg gctgaagccc catgaatgta 540
 ccagtgtggt aaagccttca ccgaagctca aatctcattc accaccagaa agttcatact 600
 ggggaaaaac cctacacctg tgttgaatgt ggtaagggtc tnagccagag ctacacctna 660
 ttcagcatca gataatncac acgggcgagc gccctacaa atgcatgagt gtgggaaagc 720
 cttaatcagc gtctgnctn atcancacca gaggattaca ctggg 765

<210> 3543
 <211> 734
 <212> DNA

tcaaaaattga	ggaagttctt	ctttctcaga	gctacgttaa	aatgtataac	aaagctgtca	420
agctgtgggt	cattgccaga	gagcgggttc	agcaagctgc	agatctgatt	gatgctgagc	480
aacgaatgaa	gaagtccatg	tgggggtcagt	tctggtctgc	tcaccagagg	ttcttcaa	540
acttatgcat	agcatccaaa	gttaaaaggg	ttgtgcacta	gctcgagagg	aaatcaagaa	600
tggaaaatgt	gttgtaattg	gtctgcagtc	tacaggagaa	ctngacatta	gaagctttgg	660
aagaggccgg	ggagaattga	tgatttggtc	actgccaaag	ngtgttcgag	cactcattga	720
aaacatttcc	tgttcanaca	ggaaaacttt	ntagttacta	ga		762

<210> 3539

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (765)

<223> n = A,T,C or G

<400> 3539

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tgggcccggg	cacgaacaaa	acgggcctgg	acgcctcgcc	cttgcccga	gatacctcct	180
actaccangg	ggtgtactcc	ggcccattat	gaactccttt	aagaaagacg	acggcttcag	240
cccggtaact	ctggcacccc	ggatcgagga	caagtgcag	agcaagtggg	ggtcgagact	300
ttggggagac	ggtgttcgag	agacgcaagg	gagaagaaat	ccataacacc	cccaccccaa	360
caccccccaag	acagcagtct	tcttaccgcg	tgcagcccg	ccgtccaaac	agagggccac	420
acagataccc	cacgttctat	ataaggagga	aaacgggaaa	gaatataaag	ttaaaaaaaa	480
gcctccgggt	tccactactg	tgtagactcc	tgcttcttca	agcacctgca	gattctgatt	540
ttttggtggt	gtgtctcctn	cattgctggt	gttgccagga	agtcttactt	aaaaaaaaaa	600
aaattttgtg	agtgcactcg	tgtaaaacca	tgtagtttaa	cagaaccaga	nggttgacta	660
ttgttaaaaa	caggaaaaaa	ataatgtaag	gtctgttgta	aatgaccaan	aaaaaaaaaa	720
aaactcngcc	tntaaactnt	tntgagtcgt	nttcgtaaat	ccaan		765

<210> 3540

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (820)

<223> n = A,T,C or G

<400> 3540

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tttgatttct	tacatgaaac	gattcaagtg	gcncattggg	aaggccta	ggaccacgcc	180
aaaanggggt	cccaacttat	ttaaaggtat	ttcaagtacc	cttccaaaaa	ngttaaatgg	240
catttaagac	actttcanga	atgggttaac	tggcttctaa	aacaaaaact	ccctaaagtc	300
tggtccttat	gcaatatata	ttntaatat	accatatata	ttttttacca	taggaatact	360
cacaaaagtg	caagccaata	ataacattgg	caagaaaaag	taatacatat	ctgctaggtg	420
acaatatcaa	acaattcagg	ggaataattt	tactttaatt	aacattaaca	gaatttcttt	480
ttccacttca	aatcaatcat	atcttctgtc	tctccaacct	aagatatttt	ttagattgtc	540
tcctatttct	ttgattcaaa	agccaattac	agaaaactatg	aacttgacct	aattctgggt	600
tttgacaatt	atgagacaga	aataaagaaa	tgcaagcagt	tcttttcttt	gccactgacc	660
atttttta	tcatactcct	ctatgatgat	gggtgcttca	caactgcagc	tctnctgtat	720

```

gnntttnnnnn nnnnnnnnttt taagntactg ctacttggtc tttttgcagg atcccatcga      60
ttcgaattcg gcacgaggtt cttcaaagcc aaccaagaca ggcttagcag ttttagagct      120
tcagaacaaa ttgccaaaag ccagagttgt ttatgctagt gcaactgggt gcttctgaac      180
cacgcaacat ggcctatatg aaccgcttgg catatggggg gaggggtact ccatttagag      240
aattcaagtg attttattca agcagtagaa cggagaggag ttggtgccat ggaaatagtt      300
gctatggata tgaagcttag aggaatgtac attgctcgac aactgagctt tactggagtg      360
accttcaaan ttgaggaagt tcttctttct cagagctacg ttaaaatgta taacaaagct      420
gtcaagctgt nggtcattgn cagagagccg gntcagcaag ctgcagatct gattgatgct      480
gancaacgaa tgaagaagtn catgtggggg cagttctggc tgtcaccaga ggttcttcaa      540
atacttatgc atagcatcca aagttaaaag ggttgtgcac tagctcgaga ggaaatcang      600
aatggaaaat gtgtngtaat tggctgcagt ctcaggagaa gctnnaacat tagaactttt      660
gaagaaggcn ggggagaatt gatganttgg ttcaactgcc aaagtgtgtg cantcactca      720
ttggaaaaca ttttctgctc cagcngggaa aacttatggt tacttggn      768

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<210> 3537

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 3537

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agctctatgc ctttccggct gctcatcccg ctccggcctcc tgtgtgcgct gctgcctcag      180
caccatgggt cgccagggtc cgacgggtcc gcgccagatc ccnccactac aggggagcga      240
agtcaaggcc atgttctacc acgcctacga cagctacctg gagaatgcct ttccttcgat      300
gagctgcgac ctctccctgt gacgggcacg acacctgggg cagttttctc tgactctaata      360
tgatgcactg gacaccttgc tgatttgggg aatgtctcag aattncaaag agtgggtgaa      420
gtgctccang acagcgtgga ctttgatatt gatgtgaacc ctctgtgttt gaaacaaaca      480
ttcnagtggg aggaggactc ctgtctgctc atctgctctt caagaangct ggggtggaag      540
tagaagctgg atggccctgt tccggcctnt ctgagaatgg ctgaagaagc ggccgaaaac      600
tcttccaacc nttcaaacc actggcatgc catatggaca gtgaacttac ttnatgggg      660
gaaccacagga aaaaccctg tcacctgtcc ggaaggattg ggaccttnat ggtgaattgc      720
cacctgacag ctnttggtga accgtgttca anaan      755

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<210> 3538

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 3538

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gnntttgaaa nccctttttg atnccctctc taactgttct ttttgcagga tcccatcgat      60
tcgaattcgg cacgaggttc ttcaaagcca accnagacag gcttagcagt ttttagagctt      120
cagaacaaat tgccaaaagc cagagttgtt tatgctagtg caactgggtc ttctgaacca      180
cgcanctatg cctatatgaa ccgcttggca tatgggggtg ggggtactcc atttagagaa      240
tcagtgattt tattcaagca gtagaacgga gaggagttgg tgccatggaa atagttgcta      300
tggatatgaa gcttagagga atgtacattg ctcgacaact gagctttact ggagtgcact      360

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<221> misc_feature
<222> (1)...(772)
<223> n = A,T,C or G

<400> 3534

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tcgaattcgg	cacgaggaac	caagaaaata	tttaaaaatc	taagcagtc	tttgctcatt	120
aaaggataaa	tcagtagtta	acactttttc	tacaaagaaa	tgggtgtgcc	tggatgggtc	180
gtgtaggtga	gttttccaag	gattatggta	acaaatgagt	gagacctcta	tggagaaaat	240
attgaaggac	attaaagaag	acctcataaa	tggagagaga	tatatcatta	atggataggg	300
aagcctcaat	ggcataagta	tgtcagtttc	tttcaaaaact	cacctatgga	ttcaatgtga	360
ttccaaacca	aatcccacaa	ggtctttcct	ggaattggaa	gccagattct	gaaatgtatt	420
tggaaaagta	aagaggcagg	gttagctatt	tcattaacaa	agaaggaaca	tcaggcaggg	480
agacttggtg	tattattaag	gcttattata	aattattatt	gtgatcaaga	tagtgatatt	540
ttggtgtaga	gatagttaaa	ttgccaatgg	attgagccaa	atttncaaaa	cagacccaca	600
aataaatgaa	ctctaattta	caacagagac	agtactgcag	atcatggggg	gaaaggatga	660
actattgagg	gattggcaac	ttttttggta	aggctanaca	gccttacgtg	gggtcacagt	720
gtctgtggaa	ntaggcacct	ctgctgnggt	attgtaagan	cactntganc	at	772

<210> 3535
<211> 781
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(781)
<223> n = A,T,C or G

<400> 3535

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attcgaattc	ggcacgaggg	gattacaggg	atgaccacc	gcgcccagcc	tgtaattttc	120
tatactttgt	attttgtact	tgtattatgc	ttctgaatac	gctataatta	tttatgtaca	180
tgtttttttt	cttcaataga	ctggtgggaa	tcttcgaatg	tagggactcc	tagagctaga	240
tactcaatta	ttttttatta	aattgaatga	cttgaaacta	cagatccttt	atttaaactt	300
cccaaatttc	tgctttatct	aggcaactct	ttaaattctt	ttatctcatg	tagatttcaa	360
aggctgaaat	aattgagatt	ttttagtttg	aagaaaagag	aactgaggat	ttaatgtcat	420
tattattata	tttttaattg	actgtttggg	agtaagttgc	agacattggt	cactttcact	480
cctaaatact	taaatatttc	ctaaaaacag	gacattcttt	ttttttttta	tggagtctgg	540
ctctgtcgtc	caggctggag	tgcggtggca	cgatcttggc	ttactgcaag	ctcccccttc	600
cagattcacg	ctgtctcctg	cctnactgct	cgggngctg	angcagggga	atcgcttgac	660
ccnggangcg	gangttgcan	anagcctaaa	cgggccattg	gactccagct	gggtaccaag	720
aaccggacct	cgttggtgaa	aaaaaaaaaa	aaaaactnng	cctttanaac	tttngggggc	780
g						781

<210> 3536
<211> 768
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(768)
<223> n = A,T,C or G

<400> 3536

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(783)
<223> n = A,T,C or G

<400> 3532
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ttcgcccgag gagcggagca gaggcaccca ggcagcctgc gcggagaaat tggatcggcg 120
gggacggcct gcagctcccg cgcgccgggg aaaggggaaga agtcctcccn tacaaagcaa 180
attcacaac ttggaagaaa cantttacac aggatgtgca gatctcaatg gaaggacacg 240
ggaaacgtga aaaagcaagg aagtgggacg cctccaaagg aaccagtaa ttctccagca 300
acagatcccc atccaaaaga aattcaagaa atgtcatata gagaattgtg gaaactgatt 360
ttaaccaaga ttagagggat tcaagagact tctgaaaaag aaagtaagga aatgtcaaca 420
gcaattcttg atatggttga ggtatttacc aaccagatcc agagttttcc agagcacatg 480
gcaaatgtgg aactgaagaa atcactggat gaaatacaaa gtatactcga aagcttcaat 540
gatagactag atcaagcaga aaaaaaactc tcaaaactta aaatctgaag gcttttactc 600
aattcaaata tttaatgggt tggactctgg ccattcangt gaaccaaaat ctgctggggt 660
aatttttttt ttttttgana tggaatctng ctnttgtcgc ccagcttgga atcaattgcn 720
ggacctcggn tnattgcaag cttccgcttc caggttcacc cattnttctg ccttancctn 780
ctg 783

<210> 3533
<211> 783
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(783)
<223> n = A,T,C or G

<400> 3533
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gggacggcct gcagctcccg cgcgccgggg aaaggggaaga agtcctcccn tacaaagcaa 180
attcacaac ttggaagaaa cantttacac aggatgtgca gatctcaatg gaaggacacg 240
ggaaacgtga aaaagcaagg aagtgggacg cctccaaagg aaccagtaa ttctccagca 300
acagatcccc atccaaaaga aattcaagaa atgtcatata gagaattgtg gaaactgatt 360
ttaaccaaga ttagagggat tcaagagact tctgaaaaag aaagtaagga aatgtcaaca 420
gcaattcttg atatggttga ggtatttacc aaccagatcc agagttttcc agagcacatg 480
gcaaatgtgg aactgaagaa atcactggat gaaatacaaa gtatactcga aagcttcaat 540
gatagactag atcaagcaga aaaaaaactc tcaaaactta aaatctgaag gcttttactc 600
aattcaaata tttaatgggt tggactctgg ccattcangt gaaccaaaat ctgctggggt 660
aatttttttt ttttttgana tggaatctng ctnttgtcgc ccagcttgga atcaattgcn 720
ggacctcggn tnattgcaag cttccgcttc caggttcacc cattnttctg ccttancctn 780
ctg 783

<210> 3534
<211> 772
<212> DNA
<213> Homo sapiens

<220>

acttacacat tgggcattcn aaaactgntc ttntgaccac actaccaggt

770

<210> 3530
<211> 786
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(786)
<223> n = A,T,C or G

<400> 3530
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acggcctgca gctcccgcgc gcggggaaaag ggaagaagtc ctcccntaca aagcaaattc 180
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acgtgaaaaa gcaaggaagt ggggacgcct ccaaaggaac ccagtaattc tccagcaaca 300
gatccccatc caaaagaaat tcaagaaatg tcatatagag aattgtggaa actgatttta 360
accaagatta gagggattca agagacttct gaaaaagaaa gtaaggaaat gtcaacagca 420
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aatgtggaac tgaagaaatc actggatgaa atccaaagta tactcgaaag cttcaatgat 540
agactagatc aagcagaaaa aaaactctta aaacttaaaa tcttgaagct tttactcaat 600
tcaaataattt aatgggttgt ctctggccat tcangtgaac aaaatctgct gggttaattn 660
tttttttttt tgaaatggga tnttcgcttc tgtcgcccaa gcttgggaatt ccattggccg 720
ggaccttngg nttactgnaa gcttccgctt ccaggtnnac gccatttttc cttgcttaan 780
cttctn 786

<210> 3531
<211> 786
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(786)
<223> n = A,T,C or G

<400> 3531
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acggcctgca gctcccgcgc gcggggaaaag ggaagaagtc ctcccntaca aagcaaattc 180
ncaaacttgg aagaagcant ttacacagga tgtgcagatc tcaatggaag gacacgggaa 240
acgtgaaaaa gcaaggaagt ggggacgcct ccaaaggaac ccagtaattc tccagcaaca 300
gatccccatc caaaagaaat tcaagaaatg tcatatagag aattgtggaa actgatttta 360
accaagatta gagggattca agagacttct gaaaaagaaa gtaaggaaat gtcaacagca 420
attctggata tgggtgaggt atttaccac cagatacaga gttttccaga gcacatggca 480
aatgtggaac tgaagaaatc actggatgaa atccaaagta tactcgaaag cttcaatgat 540
agactagatc aagcagaaaa aaaactctta aaacttaaaa tcttgaagct tttactcaat 600
tcaaataattt aatgggttgt ctctggccat tcangtgaac aaaatctgct gggttaattn 660
tttttttttt tgaaatggga tnttcgcttc tgtcgcccaa gcttgggaatt ccattggccg 720
ggaccttngg nttactgnaa gcttccgctt ccaggtnnac gccatttttc cttgcttaan 780
cttctn 786

<210> 3532
<211> 783

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ggagaccccc	gtatcatcan	tggcatgcgg	tcccattgng	aaatagctgn	gttcatcgat	540
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cttcanggaa	tactgatggc	ttcctacttc	caagtacttc	aangaggccc	tgcagntacg	660
ccctaccgaa	accccnttcc	ttgnntgggtg	atgaaaagac	acaatgtaat	agtncccnaa	720
cccantttca	ganaaaggag	gaggatccaa	cattaaatat	tanttataaa	aagaattta	779

<210> 3528

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 3528

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cagaacaaat	tgccaaaagc	cagagttggt	tatgctagtg	caactgggtc	ttctgaacca	180
cgcancatgg	cctatatgaa	ccgcttggca	tatggggtga	gggggtactcc	atttagagaa	240
tcagtgattt	tattcaagca	gtagaacgga	gaggagttgg	tgccatggaa	atagttgcta	300
tggatatgaa	gcttagagga	atgtacattg	ctcgacaact	gagctttact	ggagtgcact	360
tcaaaattga	ggaagttctt	ctttctcaga	gctacgttaa	aatgtataac	aaagctgtca	420
agctgtgggt	cattgccaga	gagcggtttc	agcaagctgc	agatctgatt	gatgctgagc	480
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acttatgcat	agcatccaaa	gttaaaaggg	ttgtgcacta	gctcgagagg	aaatcaagaa	600
tggaaaatgt	gttgtaattg	gtctgcagtc	tacaggagaa	ctngacatta	gaagctttgg	660
aagaggccgg	ggagaattga	tgatttgctc	actgccaaaag	ngtgttgcag	cactcattga	720
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<210> 3529

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 3529

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cgcaggcgta	ctgacagggtg	gaccagcgga	ctgggtggaga	tggcgacgct	ctctctgacc	120
gtgaattcag	gagaccntcc	gttagganct	ttgttgncag	nnnancncgt	naaaaaacnat	180
gtagnntttt	ccgttgaana	agggaagag	antnttcttn	atgtttctga	aaatgtgatn	240
ttcacagntg	tgaattctat	acttcgttac	ttggctagag	ttgcaactnc	agctgggtta	300
tatggctcta	atctgatgga	acatactgag	attgatcact	ggttggagtc	agtgcctncaa	360
aattatcttc	atgtgattcc	tttacttcta	caattaatga	actcaatcat	tgctgtcttc	420
tgagaacata	cttagttggg	aaactccttg	agtttagcag	atztatgtgt	ttggggccacc	480
ctaaaaggaa	atgctgcctg	gcaagaacag	ttgaaacaga	agaaagctcc	agttcatgta	540
aaacgttggg	ttggctttct	tgaacccagc	aggccttnca	gtcagtaggt	ccaagtggga	600
tgtttcaaca	ccaaagctcg	agtggcacct	gagaaaaaca	agatgttggg	aaatttgttg	660
agcttncagg	tgccgganat	gggaaanggt	accggcagat	ttcctccaaa	ggccatgggt	720

ggnnnttttn	attatacagt	tcttgccctt	ttgcaggatc	cctcgattcg	aattcggcac	60
gaggtggcta	tccatcaaca	taagtaaaaa	aaaaaaacac	tttnctccct	ccccattta	120
gattatttat	taacatattt	taaaaatcag	atgagttcta	taaataattt	agagaagtga	180
gagtatttat	ttttggcatg	tttggcccac	cacacagact	ctgtgtgtgt	atgtgtgtgt	240
ttatatgtgt	atgtgtgtga	cagaaaaatc	tgtagagaag	aggcacatct	atggctactg	300
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aagcctttca	gctcacccat	ggctgctgtg	actcctacca	gggctttctt	ggctttggcg	540
aaggtcagtg	tacagacatt	ccatgggtcca	gagtgctcag	aaactcaaga	taggatatgc	600
ctaccctcag	ctactcctgg	tttaaagtgc	agctccttga	gtactcttca	attccttcag	660
gacacttggg	tggaattcag	taagtttctt	ntgaacaccc	tgaanggtgc	catccttaca	720
gactaantgg	agacgtttcc	agatcagccc	aagtttacta	tagag		765

<210> 3526

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (774)

<223> n = A,T,C or G

<400> 3526

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tgaggatcc	catcgattcg	aattcggcac	gagattctct	caataatggc	cagccgaaaa	120
gtacgcgctg	ccaggcatct	gcctccgcgg	agtcattaaa	ctcccacagt	ggtcaccccca	180
ctgctgatgt	acagactttc	caggcaaagc	gccatattca	tcaacaccgt	cagtcttact	240
gtaattataa	cactggaggt	cagtttagagg	gcaatgcagc	cacttcctat	cagaagcaga	300
ctgacaaaacc	cagccactgt	agccagtttg	tgacacctcc	gcggatgagg	agacagttct	360
cagcacccaa	tctcaaagct	ggctcgagaaa	ccacagtnta	aatcagttac	tggaacaaact	420
tgaaatcatg	gtggaagaaa	cagacagtgt	tagctcatga	tttgatttgg	ttctaccttt	480
ggccttgagt	tcttattatt	tacattataa	atattaactg	gttttatatt	gttaagacaa	540
aacactggta	aaagtttcaa	cacctccctt	ttgcttgtat	accataaatg	ggcagtttct	600
gaaattttgg	ataaagcatc	aagaactcct	ttttctgaaa	cgttcctcct	tttttagtgc	660
ctaattaata	tacttactta	cacggaannn	annnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnaaaac	tcgnnccttt	aaaactatag	ggngtcgttt	acctaatacc	aann	774

<210> 3527

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (779)

<223> n = A,T,C or G

<400> 3527

gnnnntnnnt	tnnnnnnnnt	ttttaaaana	ancagctact	tggttctttt	gcaggatccc	60
atcgattcgc	tcgagtnncn	aggagacgtg	cagctgtcca	aggctctgtc	ctatgccctg	120
cgccatgggg	ccttgaanct	ggggcttccc	atgggagctg	atggcttcgt	gcccctgggc	180
accctcctgc	agntgnccca	gttccgcggc	ttntntgctg	aagatgtgca	gcgcgtgggtg	240
gacaccaata	ggaagcagcg	gttcgncctg	canntggggg	atcccannac	tggncttnta	300
atccggggcca	accaggggna	ttccctgcan	gtacctaaagn	tggagctgat	gcccctggag	360

<220>
<221> misc_feature
<222> (1)...(765)
<223> n = A,T,C or G

<400> 3523

taaanaatca	gctcttggtc	tttttgcagg	atccctcgat	tcgaattcgg	cacgagcggg	60
actggtacca	cgcacatcgac	cccaccgtgc	tgctgggcgc	gctgccgttg	cggagcttga	120
cgcgccactg	gtacaggacg	agaacgtgcg	cgggggtgatc	accatgaacg	aggagtacga	180
gacgagggtc	ctgtgcaact	cttcacagga	gtggaagaga	ctaggagtcg	agcagctgcg	240
gctcagcaca	gtagacatga	ctgggatccc	cacttggaaca	acctccagaa	gggagtccaa	300
tttgctctca	agtaccagtc	gctggggccag	tgtgttttacg	tgcattgtaa	ggctgggcgc	360
tccaggagtg	ccactatggt	ggcagcatatc	ctgattcagg	tgcacaaatg	gagtcacagag	420
gaggctgtaa	gagccatcgc	caagatccgg	tcatacatctc	acatcagcct	ggccagctgg	480
atgttcttaa	agagttncac	aagcagatta	ctgcacgggc	aacaaaggat	gggacttttg	540
tcatttcaaa	gacatgatgt	atggggatta	gaaagaactc	aagacactcc	tgcttgatac	600
agaacaaaaa	gagcttaaca	ggaccaacan	ggcttaaccc	agacttgacg	taacagaaat	660
gtgccaatag	gtaataggta	attttctttc	tctgacttgg	tttggtttct	ttgaaataac	720
actgttgtgt	nggctngaaa	nggaaaaaaa	aaaaaaaaaa	aaaaa		765

<210> 3524
<211> 763
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(763)
<223> n = A,T,C or G

<400> 3524

gnntttnaaa	nnnncagntc	ttgttctttt	tgcaggatcc	catcgattcg	ccaggctagt	60
cttgaactcc	tggcctcaag	caatcctccc	acctcggcct	cccaaagtgc	tgggattaaa	120
ggcgtgagcc	accgtacctg	gcccttggtg	gaatctttag	ggttttctat	tcatacatat	180
aaaatcatat	cattggcaaa	cagagataat	tttacttcct	cctttccaat	ttggatgcct	240
tagatttctt	ttccttgcc	aactgctctg	tctagaactc	ccagcactat	gctgaataga	300
gtggcaagag	caggcatttg	ccttgcttct	aaccttagag	aaaaatcctt	cagcctttta	360
ccattgagga	tgatgtttgc	tggtagtgtt	tcataaatga	tctatatcag	gctgaataaa	420
tttctatttc	taaaaaaaaa	aannnnnnnn	nnnnnnnnnn	nnnnnnnaaa	aaaaaaaaact	480
cgagcctnta	nactatagng	agtcgtatta	cgtagatcca	gacatgataa	gatncattga	540
tgagtttgga	caaaccacaa	ctagaatgca	gtgaaaaaaa	gctttatttg	ngaaattggg	600
gagctattgc	tttatttgna	accattntaa	gctgcaataa	acaagttaac	accaccaatt	660
gcttcattta	tggttcagg	cagggggagg	tttgagggtt	ttttaattcg	cggccgnggg	720
ccaatgcatt	gggcccggtc	ccaactttgg	tccttttagg	gng		763

<210> 3525
<211> 765
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(765)
<223> n = A,T,C or G

<400> 3525

<210> 3521
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 3521

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ccatcgattc	gaattcggca	cgaggagaag	ctgacgggca	tgtggtggaa	acngctgggtg	120
gcccggcgca	gtggcagggtg	cccggtgtcac	ggacaggcac	ggccccctctg	gaccgcttaa	180
aggtcttcat	gcagggtccat	gcctcaaaga	ccaaccggct	gaacatcctt	ggggggcttc	240
gaagcatggt	ccttgaggga	ggcatccgct	ccctgtggcg	cggcaatggt	attaatgtac	300
tcaagattgc	cccagatcaa	ctatcaagtt	catggcctat	gaacagatca	agagggccat	360
ctggggcagc	aggagacact	gcatgtgcag	gancgcttcg	tggctggctt	cctggctggt	420
gccacaacct	aaaccatcat	ttaccctatg	gaggtgctga	agaccgctg	accttncgcc	480
ggacggggcca	atataagggg	ctgctggact	gcgccaggcg	tattctggan	aggggaagggc	540
ccgtgccttc	taccgcggtg	cctcccaacg	tgctgggcat	catccctatg	cggcatngac	600
ctggcgctga	cnagactctg	aanaactggt	ggcttaacan	tacaagccac	gactcggaaa	660
accaagcatt	ctctgcttct	ggctgcggac	catatcaaca	ctgcggcaaa	tagccantta	720
cccgttggcc	ttgtccggac	ccnatcagcc	aaccgtggta	ttccataaca	an	772

<210> 3522
 <211> 819
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(819)
 <223> n = A,T,C or G

<400> 3522

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atggtgctgc	ccaacaggcc	cataccactc	gttccagtca	gaggtgcttg	gcctttgtgg	120
gatgaatgtt	cgttggttca	aatcaagctt	tttccaaatg	aacaaganca	ctggnccttta	180
ccatattttg	gcaaggatcc	gaaatcaagg	gttcttcttt	caaagtgcct	gccaggggga	240
atcttgaaag	aagggtagcc	cttgcaacaa	aacctgggtc	cctgtaaacc	ctcttcttga	300
agggaaatccc	ctgcttgccc	cacttggcat	tttccaagtt	tgcccttcct	caagaatgta	360
ttaaaccctg	aaccagggtg	cttgtcttgt	gcccagaagc	atcttgggaa	acccggcccc	420
atgggatctg	tacttgantg	cttgcctgagc	ttcaccact	gagagtttac	ctctggagtt	480
cantgatgac	ttggatgttg	tgggtgatgg	tatgcantgt	ctncttaact	ttgctttttg	540
atccttcaact	aacccttgaa	gatcatttan	tcaaagaaat	tgcttgaaga	cacantggat	600
atgttggggc	anatgcaaat	ggctggagat	nggtgcagat	cccanggatc	tcgaaattct	660
gagaaagctt	ttgnaccatt	ggcttaaaat	ggattggcta	ctgcaaatgg	gaagccagaa	720
ccacttttat	tanttgatag	tttggggaac	catttacttt	ggtggattna	aattctcgtc	780
tttaaaagaa	gtatttctga	acatntttaa	caaaaaaan			819

<210> 3523
 <211> 765
 <212> DNA
 <213> Homo sapiens

cctcatgact	ctatcaccta	ccaaaaggct	tcactttcttt	atactattgg	angggtagaa	660
ngaacttcct	ttctagacct	tgaaaggtta	agaaatttga	atctattaaa	caagctgaca	720
atngacagat	taacaggaga	aaaagcntat	acattttttta	atgtggggcca	aatggcaaaa	780
gcttaaata						789

<210> 3519
 <211> 763
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 3519						
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tgtacaaaaga	ggagagaaaag	aagaaatcaa	aagaccggcc	ctcaaaatta	gagaagaaga	180
atgattttaa	agaggacaaa	atttcaaaaag	agaaggagaa	gattttttaa	gaagataaag	240
aaaaactcaa	aaaagaaaag	gtttataggg	aagattctgc	ttttgacgaa	tattgtaaca	300
aaaatcagtt	tctggagaat	gaagacacca	aatttagcct	ttctgacgat	cagcgagatc	360
ggtggttttc	tgacttgtcc	gattcatcct	ttgatttcaa	aggggaggac	agctgggact	420
cgccagtgc	agactacagg	gacatgaaga	gcgactctgt	ggccaagctc	atcttgagga	480
cggtgaagga	ggacagcaag	gagaggaggc	gggacaccgg	gcccgggaga	agcgagacta	540
cagagagccc	ttcttccgaa	agaaggacag	ggactatttg	gataaaaact	ctgagaagag	600
gaaagagcag	actgaaaagc	ataaaagtgt	ccctggctcc	tttcggaaaa	ggcaagaaga	660
ngagagagtc	cncaaagccc	ggccggacag	aaggaccctt	ggaagctgca	aggancncag	720
ggaccgcagg	gccaaccna	ggaggtgccc	cggaggactn	aat		763

<210> 3520
 <211> 821
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(821)
 <223> n = A,T,C or G

<400> 3520						
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cccacgatt	cgaattcggc	acgagagcaa	ttccactcct	agctccaccc	acaggaaatt	120
gaaagcaaag	acgcaaacag	atgcctgtgc	accaaagtct	acgggcaagc	atccttcggc	180
cttaattggg	agcattccgt	cgtcacaagc	gggcattcat	cctttcatca	atagcgggca	240
gcattccgtc	gtcacaagcg	ggcagcattc	ctttcgccac	aagcgggcag	catcttgtcc	300
gtcacaagcg	ggcagcatcc	ttcgccaaag	cgggcaagca	tccttcgtca	tagcggcagc	360
atcctttgcc	atagcgggca	aggtggaaac	cctgtccatc	cactgaggcg	tgcatagact	420
aaacatggcc	agtccaggca	ctggaatcca	ggcccgtaga	acggcgccca	cggtcaaaag	480
gaatgagacc	ctgatgcact	gggcgacaca	gacgggcgac	acagacttgg	agacatcatg	540
ctaagtggaa	gtccaggcac	acggagcggg	cggcgtgata	ctgctcacgt	gatgtgtccc	600
gaatggggac	gttcagaggg	aagaagggag	atggcgcttg	ccggtgcccc	gggacnnggg	660
ttgggagcga	cgggttgctgg	tttggggttt	ctttctgggg	tgangaantg	gttttgatat	720
ttggnccggt	ggtgatgttt	gcatacctct	gaatatgctt	aaganccaca	gaattgacca	780
ctttaaatgg	atgaattgna	tggtattggg	aattacccaa	n		821

nccaaaaccc	caanccccang	aaaangagtc	aanganganc	aangntaaga	gaaggagaag	300
gagaaggatg	acaaaaangt	gaatctgcct	gtgtaaaagg	cagatttttt	aattgcttaa	360
tactaagtca	tctgtttnaa	atttggtata	tgtaagagat	tcaagccttg	naatatgaca	420
tggagacccc	tgtgctgcac	ttaaatatgc	ttgcttgatt	atttgatttt	acatcagagc	480
tttataacac	gaacttttgt	ccagaattgt	gagttgtgcc	atgttacatg	aganggtttt	540
gctagggcct	attattttta	ccaccattaa	ttagttgggg	tggagtttac	tgtaatgtga	600
aatttcccat	ttgaattttt	aatggctggc	aaagctgntt	tagtcttaaa	ttcancggat	660
gattgctgaa	tcattncacc	ctgtatgtcc	ttttggntnc	atnaaagttt	cagtaacttt	720
caaaaaaaaa	nnnnnnnnnn	nnnnaa				746

<210> 3517

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (777)

<223> n = A,T,C or G

<400> 3517

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gattcgaatt	cggcacgagg	aaaggacagt	gctacttgta	tatgaagggt	atagaacgag	120
cggcctttcc	tcggcgtctc	tgggaacggg	tccggcttag	taaaaactat	gagaaagcac	180
tggagcaaat	agatgaaaat	ctgatttact	ggccccgttt	cattcgacac	aaatgtaagc	240
agagattcac	caagatcacc	caatccta	tcgaattaga	aaacttcact	aaagcgacag	300
aggaaacttg	ttcctttgag	taagaagggtg	gagcgtaggg	agaaaagaag	agaggaaaaag	360
gcattaatag	ctgctcagct	ggacaatgcc	attgagaagg	aattactgga	gagactgaac	420
aagatacgta	tggcgacatc	tacaacttcc	cattcatgcc	ttcgacaaag	ccctggaaca	480
acaggaggca	gagagtgact	cttcagatac	tgaggaaaaa	gatgatgatg	atgatgatga	540
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tgattttgag	gatatggata	actggatcca	gcagtgatga	agatcaggat	ggtaaatacct	660
ccatgaggag	gaggaagaaa	aggccttatg	cgaaacacaa	angcnaaatg	cccttganaag	720
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<210> 3518

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (789)

<223> n = A,T,C or G

<400> 3518

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gaaggctatt	tgcatatgca	gcaagaangc	agccatctgc	aaggcagaag	aagagaccct	180
caccaggaac	tgaataagtc	agtcagtctg	ggacttccac	ctctagaact	gtgaaacaat	240
aaatttctgt	gggtgtaagca	actcaatcta	tagtagtttg	ttactatttt	gttatagcaa	300
ccaaagatga	ctaaccagac	aggttatgtc	actcgccaag	tgtcttggtc	tgtttgtgct	360
gctataacaa	aataccttag	actgggtaat	ttacaaacaa	cagagatgta	tccagagatc	420
cacagttctg	gaggctgaga	agtctaaaat	caaggcacca	gcagattcca	catctcgtga	480
aggctcactc	tctgcttcac	agatggcact	gcttgctgtg	ttctcacatg	gcagaagggg	540
caaacaagcc	cccctggggc	tcttttataa	aggcactaac	tctatgccta	aangcagggc	600

<400> 3514

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ctgagagaga	cccaggtctg	acctgtatag	cagtttgagt	cgaggggctg	tcaaaggggt	180
tgccaaagtc	atctaaagga	cttggcacca	gaagtagcat	tatgacttng	gatccacttc	240
tttatagacc	aatattggca	gccatgaagc	tgcttgtoct	gggtgcggaa	ttcagtttta	300
gtggctgaat	gcacagacag	caggaagaga	gaatagggga	caatgaacaa	cagagagaga	360
agaaatgcag	tgtgtaggga	acctgcaggt	ggtaacagtt	gaaactcata	tcaatgatct	420
tgctatttta	ccactccatg	tgctactct	ggctgtctaa	tccagcagta	accagtattg	480
nattctaggg	ccttcccca	attggagcta	cccccagaat	ttctcangct	tttaattcct	540
gaaaatcttt	taaactaaaa	cttctangtc	agttgtcccc	aggggaactg	aggctgtttc	600
tacctgctgc	attgtcagca	aaacttgcta	catgctaatt	attccacttt	cagtgaagca	660
atcaatgagt	gacagtagga	aataactttg	anagttgggt	ggttcctaac	atggcctctt	720
aataatggaa	atgagaccaa	attggggacc	taatnttgcc	aaggaanaat	ggnnaggt	778

<210> 3515

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (784)

<223> n = A,T,C or G

<400> 3515

gnnttttnan	nnnnnnnntt	ttaaaanac	aagttcttgt	tctttttgca	ggatcccatc	60
gattcgaatt	cggcacgagc	cggagagaag	cagcaggagg	gcggcggcgc	cgtgcgctgc	120
gacacacctg	ccaactgcac	ctatcttgac	ctgctgggca	cctgggtctt	ccaggtgggg	180
ctccagcgg	tcccagcgcg	atgtcaactg	ctcggttatg	ggaccacaag	aaaaaaaaag	240
tagtgggtgt	accttcagaa	gctggatata	gcatatgatg	accttgga	ttctggccat	300
ttcaccatca	tttacaacca	aggctttgag	attgtgttga	atgactacaa	gtggtttgcc	360
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actcttttaa	aaccacagcc	atgaacagac	gttggggcta	agagacagac	agcctgcgac	540
agtgtggacc	tacctgtagc	agctagcaaa	ggcctctagc	agctacagtc	ccttctggag	600
tctttatttg	catgcaaaat	gcaaaggagt	cctggtgacc	tactccaagc	actgcccttc	660
tgaacactcc	ttggaaaaca	gtaaacatca	ttttggaatg	tgaacaacca	gagactnccc	720
aggagaaagg	aaaaaaaaat	tntgaagatg	caaatcttg	ggtggcttca	ccgtcaattt	780
ttaa						784

<210> 3516

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (746)

<223> n = A,T,C or G

<400> 3516

gnnttttnnn	nnnnnnnttt	tnnnnatcag	ctctgttctt	tttgcaggat	cccatcgatt	60
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gctcagcaga	aagtcaggac	agcangagga	ggaagaaaan	gaaggaaang	aaaaacncag	180
gaancntaaa	aggcttagga	ncttangaaa	cntgcaggcn	ctgaagtggga	attggaaaaa	240

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 3512

gnnntttnt	tttnnnntn	anagnaaaa	ctttttgcta	cttgctcttt	ttgcaggatc	60
ccatcgattc	gaattcggca	cgaggagaag	ctgacgggca	tgtggtggaa	acngctggtg	120
gcccggcgca	gtggcaggtg	cccgtgtcac	ggacaggcac	ggcccctctg	gaccgcttaa	180
aggtcttcat	gcagggtccat	gcctcaaaga	ccaaccggct	gaacatcctt	ggggggcttc	240
gaagcatggt	ccttgaggga	ggcatccgct	ccctgtggcg	cggcaatggt	attaatgtac	300
tcaagattgc	cccaggtcaa	ctatcaagtt	catggcctat	gaacagatca	agagggccat	360
ctggggcagc	aggagacact	gcatgtgcag	gancgcttcg	tggctggctt	cctggctggt	420
gccacaaccc	aaaccatcat	ttaccctatg	gaggtgctga	agaccgctg	accttncgcc	480
ggacgggcca	atataagggg	ctgctggact	gcgccaggcg	tattctggan	agggaagggc	540
ccgtgccttc	taccgcggta	cctcccaacg	tgtctgggcat	catccctatg	cggcatngac	600
ctggccgcta	cnagactctg	aanaactggt	ggcttaacan	tacaagccac	gactcggaaa	660
accaagcatt	ctctgcttct	ggctgcggac	catatcaaca	ctgcggcaaa	tagccantta	720
cccgttggcc	ttgtccggac	ccnatcagcc	aaccgtggta	ttccataaca	an	772

<210> 3513

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 3513

agnnnnnnt	tttnngcnan	ngnaaacttt	ttaangaagc	tttaatannc	ctttctctgg	60
atccctcgag	gcgaattcgg	cacgagctac	acagttccca	ttcnttacct	taacnttgta	120
ctgagagaga	cccaggtctg	acctgtatag	cagtttgagt	cgaggggctg	tcaaaggggt	180
tgccaaagtc	atctaaagga	cttggcacca	gaagtagcat	tatgacttng	gatccacttc	240
tttatagacc	aataattggca	gccatgaagc	tgcctgtcct	gggtgcggaa	ttcagtttta	300
gtggctgaat	gcacagacag	caggaagaga	gaatagggga	caatgaacaa	cagagagaga	360
agaaatgcag	tgtgtaggga	acctgcaggt	ggtaacagtt	gaaactcata	tcaatgatct	420
tgcctattta	ccactccatg	tgcctactct	ggctgtctaa	tccagcagta	accagtattg	480
nattctaggg	ccttccccaa	attggagcta	cccccagaat	ttctcangct	tttaattcct	540
gaaaatcttt	taaactaaaa	cttctangtc	agttgtcccc	aggggaaactg	aggctgtttc	600
tacctgctgc	attgtcagca	aaacttgcta	catgctaatt	attccacttt	cagtgaagca	660
atcaatgagt	gacagtagga	aataactttg	anagttgggt	ggttcctaac	atggcctctt	720
aataatggaa	atgagaccaa	attggggacc	taatnttgcc	aagggaanaat	ggnnaggt	778

<210> 3514

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

tggagattat atagcttgtg gaagtgaaaa taactctntt tctgtccta taaangactt 720
 tntaagactt tgctactttt aagttgatac agncaa 756

<210> 3510
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(751)
 <223> n = A,T,C or G

<400> 3510
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 ttggncgagg agtaaangtc gcttnttngn ncntttantt cactncaa at nganaaanga 180
 antnccagtt tcttgacang cccaacccan tgctnngcca gttcctgagt ccacttaata 240
 tatttaagag gaaaagatct nggaccacag gagaatggcg tggattgacc taccagatta 300
 tgaccatgta gaagatgaac tttttcctcc tttccacctn cagcctntcc agagagacaa 360
 gatggtgaag gaactgagcc tgatgaagag tcagggaaat ggacacctgt tctgtcctn 420
 caaagagaac agttaaaga aatntccaa gctggatgct cagagattaa tttcagagag 480
 aggacttcca gccttaaggc atgtatttga taaggcaaaa ttcaaaggta aaggtcatga 540
 ngctgaagac ttgaagatgc taatcagaca catggagcac tgggcacata ggctattccc 600
 taaactgcag tttgaggatt ttattgacag agttgaatcc tgggaagtaa aaaggaagtt 660
 canatgaagt tgcngagaat atgacatgag gccttctact gaatagatcc tttctgacaa 720
 cttattgaaa gtganatggt gcttctgagt a 751

<210> 3511
 <211> 736
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(736)
 <223> n = A,T,C or G

<400> 3511
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 ctgtgctagg ctctgcaa at gctaagaggg ggaagttact gtccctgctt ccaaggagat 180
 catgggtcta gtgggaaacc cgacacgttc aggtaccttc agatgggcac tcagaagagt 240
 aagcccttag ttaatgttta aagatgttta aagatgtctg agactcatag gtcaaagtca 300
 gatttcagtt ccaccttatt agacctgcac tgctaaggag ctgctttagg taaggctgtg 360
 ttcctagtca ccagggtgtt caaacacagt gctgggggca atgtgggaat agccttcttt 420
 tatttaggaa gtaatgtgaa gtcagtttca tgaatagatc ttactttaag cattcattga 480
 gggttttggc aagaatagag taccgtatat gaagggtgtt cctaactcnc ctgcaccagg 540
 aataatctag ggctcattan agatgtcaaa gatctggtct agtttcttaa cctaaaacaa 600
 gagtgtttta attccatttt ataggcgggg agtctgagcc aaacatgtta tgtcactttt 660
 ccaagcttca tancacaaa gtcttctgtc tccccatcct gacttttcca cttcataggg 720
 actgtcaaag gcagcn 736

<210> 3512
 <211> 772
 <212> DNA

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atgggatcac	atcaagttaa	aaatcttctg	cattgcaaag	gaaataacaa	agtgaagaga	420
cacccataga	atgtgagata	atatttgcaa	actatccatc	tgtattaggc	catttttgaa	480
gtctacaaag	aaatacttga	gactgagtaa	tttataaaga	agagggttaa	ttggctcacg	540
gttttgcagg	ctgtcaggaa	gcatggtgct	aacatctgat	cagcttgtag	ggaggcatca	600
ggaagtttcc	acccatgggtg	gangcaaaag	gggaataagt	ttctccatgg	cagggtgcagg	660
gcaaaaanan	gggggaagg	aagtgcenca	caaccagatc	ttgtgagtn	tcagatttgn	720
ggngggngct	tgngg					735

<210> 3508

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (735)

<223> n = A,T,C or G

<400> 3508

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ctccagttcc	tgggttcaag	ccatccctcc	tgcttcagcc	tccccagtag	ctggaactac	180
aggtgtgtgc	catcacacct	ggctttacat	ttttctgtgg	ggtcttacta	tgttgcccag	240
gccggtctca	aactcctgag	ctcaagtgat	cctctgcctc	agcctccaga	gtatctggga	300
ttacatatgt	cggctaccgt	gtctggcogt	tcacatcttt	ggccactatt	tgcttgtgaa	360
aaggtataat	gaggtggtac	ttatcatttt	tactgngtct	catgttttgt	atatttttgt	420
ttcatcaact	aagatgcact	gtaacatctc	tgaaatctgg	atatattatc	aatggtttat	480
catagttttg	ttagcaatac	actgtctttt	agtggtgctt	aaaataatgg	tatagttgtg	540
aggtgatctt	agatttgatg	aagcacagta	tgacaggtagg	cctaattggg	gaagatggta	600
atataaaaagc	aagaagtatt	ttttttttgt	aatgactgaa	agctgtctgt	ggatgacctt	660
cccttttctt	taaacacgat	tntntcactt	ncaactncaa	acttgctcaa	ctaattcttt	720
aaaaataact	tgagc					735

<210> 3509

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (756)

<223> n = A,T,C or G

<400> 3509

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cccacgatt	cgaattcggc	acgagggata	ttcattaccc	tgagaatgaa	atgacctgca	120
attcgaaaat	cagctgtatc	agttggagta	gttaccataa	gaacctgtta	gctagcagtg	180
attatgaagg	cactgttatt	ttatgggatg	gattcacagg	acagagggtca	aaggctctatc	240
aggagcatga	gaagagggtg	tggagtgttg	actttaattt	gatggatcct	aaactcttgg	300
cttcaggttc	tgatgatgca	aaagtgaact	gtgggtctac	caatctagac	aactcantgg	360
caagcattga	ggcaaaggct	aatgtgtgct	gtgttaaatac	agccccctct	ccagatccat	420
ttggctttcg	gctgtgcaga	tcactgtgtc	cctactatga	tcttcgtaac	actaaacagc	480
caatcatggg	attcaaagga	caccgtaaag	cagtctctta	tgcaaagtgt	gtgagtgggtg	540
aggaaattgt	ctctgcctca	acagacagtc	agctaaaact	gtggaatgta	gggaaacccat	600
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<400> 3505

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ctacatgttg	caagagaaaa	actagcagat	gttctttggc	agccctgtca	ttcagctatt	180
attgctaaag	cactaggtgg	gaatcattat	gaaaatttcc	atcctcaa	agaaaggaga	240
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gcttgtgatt	gtatttgtaa	gttactttgg	atctaaacta	cacagaccga	agttaattgg	360
aattgggttg	tctccttatg	ggaactggaa	gtattttgac	agctttacca	catttcttca	420
tgggatatta	taggtattct	aaagaaaccc	atattaatcc	atcagaaaat	tcaacatcaa	480
gtttatcaac	ctgtttaatt	aatcaaacct	tatcattcaa	tggaacatca	cctgagatag	540
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atatgcttcg	tggcataggg	gaaaccccca	tagtaccat	tgggggattt	catacattga	660
tgattttgca	aaagaaggac	attcttnctt	gtatttaggt	agtttgaatg	caataaggaa	720
tgattggtcc	agtcattggc	tttgactggg	gatctctggg	tgctan		766

<210> 3506

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (735)

<223> n = A,T,C or G

<400> 3506

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gaggagaggg	tgtctgcctt	tatgaggagc	cagtgtctga	attgctgagg	agatgtggga	180
attgcacacg	ggaaagctgt	gtggtttcct	tttaccttcc	agctgaccat	gaactcctga	240
gcccgaacaa	ctaccacttc	ctgtcctcac	cgaaggaggg	cgtgggggtc	tgcaaggcgc	300
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agaatgagtt	ggagcaatct	tttcatgtga	cctccttaac	agatatttac	tgaaggaaatc	540
taggttgtat	tttcagtggg	caatgggaat	aaagcatttc	taaagcaccg	actggagagg	600
aaggcaacag	aaacaaggag	agaagcccga	gagacatgtc	tgctgtctgc	cacgcatctg	660
ancgattgct	cttgtgaaga	gtttgtcact	gaacattttc	aggggagggt	gtttaccag	720
cnatgtnctn	aacan					735

<210> 3507

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (735)

<223> n = A,T,C or G

<400> 3507

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attcatacat	ctatggtgac	cacttttgac	aaaggaatga	agaacataca	ctgggggaaa	120
agataatgtc	tttaataaat	ggtgctggga	aaactggntn	tccantntgc	agaagaatga	180
aactagaccc	ccatctctta	gcatatacaa	aatcaaaat	taattaaata	gttaaatacta	240
agacctcaaa	ctatgaaaca	gctaaaagaa	aacatcgggg	aatctctcca	ggacattgga	300

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 3503

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ggttcatacc	gacggggaaa	ggcgacctgt	ggatgatgtcg	acgtgctcat	cactcaccca	180
gatggctggt	cccaccgggg	tatcttcagc	cgcttccttg	acagtcttcg	gcaggaaggg	240
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gacccatggc	ttgggggtgc	tgangaaagc	ccanttggac	tggctacccc	ttctggccac	660
ccagtacttc	cttcagcctt	aactgggtga	acttgccggt	tcaaccacca	actttctnag	720
cgagcanggg	ccaaggct					738

<210> 3504

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 3504

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aatatttaag	gaacacataa	taccaaaaacc	ataacacata	caaatatatg	gcccttcaga	180
ttttgtactt	ctttttgtgt	cagtgttaat	aatacgtatc	tttcaaagaa	tatccccctt	240
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aacaggcctt	aaataaactg	gccataaaca	ggatttctgc	agcaatggga	catgctcatg	360
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ttatcactgg	ctttctgtca	ataaatgtgt	gggtcaagct	ctgtttgtng	gctctcagct	660
ctgaaaaaaa	aaaaaaaaann	nnnnnnnncc	tcgagcctnt	aaaactatag	ngagtcgtnt	720
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<210> 3505

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

aaggggcagt gatgggtata gaacctgnct tacttaagtt caagcaatga ttaatctagc 720
 ttccctctgg tggatgactg angnctttgc ct 752

<210> 3501
 <211> 752
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1) ... (752)
 <223> n = A,T,C or G

<400> 3501
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 agcgcatgtc tctctcatga agatgacaga ggacaaaagc aagcagaaat atacaaggat 180
 ttgcgtntct tattatgaat ttctctttga gaaataatac ctgtgagaat gctgctcctt 240
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 ccttgagtat ggggtgggct gtgacctgct cagtgcctaag gaaatgcagt ggaaatgatg 360
 ctgtgttaact tctgaggcca agttataaaa gatcatgcat cttttgcctt gttagtttgc 420
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 cagcataccg aggggtggcag acatcatttc ttcaatgaac ttagtattta gaaagatatc 540
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 tagtagaggg cacctttgga ttcaacagta aaaggagaat ctacaaaacc agctcatcaa 660
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 ttccctctgg tggatgactg angnctttgc ct 752

<210> 3502
 <211> 737
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1) ... (737)
 <223> n = A,T,C or G

<400> 3502
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 aataatacgt atctttcaaa gaatatcccc cttttttttt ggtagagata ggggttttgc 240
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 ttgttggttt actggagcag ggcaaggaac acctggcccc gcccgagca aaaaactgtc 420
 aaaccacaaa cgatagcagg aaaggcctgt gccttggcag catgtttttg ctgcagataa 480
 tcagccagag cctgtttctc tgctcctcgc tgagattgct ttgtttccca taaagattgc 540
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 tgggtcaagc tctgnttggt gctctcagct ctgaaaaaaa aaaaaaaa aaaaactcga 660
 gcctntaaac tntgngagtc gnttacctan atccagacnt gataggatcc atgatgagtt 720
 tggncacccc ncactng 737

<210> 3503
 <211> 738
 <212> DNA

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aagtctgctg tgttcttgtt gatagaggac catcctagag ttgggagtgc tgtctgcaca 420
gcaacaaacc cagagtctac tttggatcac cttatatagt tcatgagtaa tcagcagatg 480
cctttccctt ctatgtctct ctctcagtga aaggcactgt ttcttccact tggtgaggaa 540
tggcctaata etcattgtct gtaacaggaa tgctacaact gctcaaattg taccatttat 600
catatttggg aagggtcttg cttagtcttg cctgttcaat tataaaagga aagaagacgt 660
aaaagatgta gagttgtctg nggtgatttc cccccattat gtcagaagag gccttaagaa 720
aactaatacc cccacaaaat atatcttttt agatttctat tatatattn gncttatcaa 780
ga 782

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<210> 3499
<211> 736
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(736)
<223> n = A,T,C or G

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<400> 3499
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ggcgaangat ctgttntgca gatggaaaaa aagatcaggg gtcactattc ttgtttcaga 180
taaaacagac tttttaaatc aacaacagta gaaaaaggac tagggcatta cataatgaag 240
aagggttcaa ttcaacaaga tttatcctat cacaccaag attggagcac tcagatttct 300
aaactattat ttctagacct aggaaaagaa ttaaacggcc acataataat agtggggggac 360
ttcaacacct cactgacagt gttagataga tcatcaaggc agaaaactaa caaattctga 420
acttaaatc aacagttgac taattgaacc taatagacat ctacagaata ctccacccac 480
caacaacaga acatactttt ttctcatgtg cacatagaaa atactctaag attgaccaca 540
tgctttgtca caaagcaaat ctacagtaaat tcaaaaaaga ttgaaatcat accaagcatt 600
tcagactaca gcatagtaaa aatgaaaatc aacacccagg agaaactctc aaaacatggn 660
aactnaacaa cttgctnctg natgactttt tgggtaaata taaaaatang gcttccttaa 720
ccctttttgn aacaat 736

```

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<210> 3500
<211> 752
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(752)
<223> n = A,T,C or G

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<400> 3500
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cgaattcggc acgaggtcaa ctctccttgg tgagtgcctc agaacttagg aaaagagaac 120
agcgcagtgc tctctcatga agatgacaga ggacaaaagc aagcagaaat atacaaggat 180
ttgcgtntct tattatgaat ttctctttga gaaataatac ctgtgagaat gctgctcctt 240
caattaggtt caggattgga ggaaaaatca tataaaatag gttcctgcaa taatattgcc 300
ccttgagtat ggggtgggctt gtgacctgct cagtgcctaag gaaatgcagt ggaaatgatg 360
ctgtgtaact tctgaggcca agttataaaa gatcatgcat cttttgcctt gttagtttgc 420
tgacgcctga tatggagcac tagaaagaaa ttatttttcc aagcatcaac ccggaagtcc 480
cagcataccg aggggtggcag acatcatttc ttcaatgaac ttagtattta gaaagatatc 540
ttcactcaa gcatcaagtc ttttctgtcc tgcaaaagtc ttaagtcaaa ccagaatccc 600
tagtagaggg cacctttgga ttcaacagta aaaggagaat ctacaaaacc agctcatcaa 660

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<400> 3496

tntctnaatn	tgntnnecgna	tcttgaggac	ccatcgttca	attccgnncc	naggggggnan	60
ctncccntac	tcnttggatg	tgtgtaccta	gcacacttcc	ttctcccacc	cctttttcca	120
gttggaattg	tttttctgtt	ctcttctgtc	ctgtcttata	ctgcaactgt	gtctcctagg	180
ggacagatgg	ccttctttgt	catcttcact	ctccaccccc	agagaggagt	cagagccata	240
actcaatcac	tcagcccctc	caaagatagt	tgatgtgtga	taatctcata	atgttgagaa	300
ccctgatgag	atacattgtc	ttcctctccc	tacaatgcct	ctgggggcaa	ggcaccatt	360
cttcttgcta	tcctccatcc	cccttgaggc	ttccactttt	ttttttttta	gacataaagc	420
tgggcatcag	caactggcct	gtggtgatgc	aaagctgctt	tgtcttgnat	ctggctggac	480
tgatctgtct	cacaagaagc	catgaggcca	tagggagaag	ctccctctcc	ccttcatctt	540
ctgtccaaa	ggtggtanca	agaggagtac	ccagttaggg	gttggaagcc	ccatatnaca	600
tcttctgtc	agaagactga	tggatctttt	tcattccaac	catctccctt	ttcccccgat	660
gaatgcaaat	naaacttttg	tgacaccagc	aaccattgct	tctttanaat		710

<210> 3497

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3497

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tcggcacgag	attctctcaa	taatggccag	ccgaaaagta	cgcgctgcca	ggcatctgcc	120
tccgcggagt	cattaaactc	ccacagtggg	cacccactg	ctgatgtaca	gactttccag	180
gcaaagcgcc	atattcatca	acaccgtcag	tcttactgta	attataacac	tggagggtcag	240
ttagagggca	atgcagccac	ttcctatcag	aagcagactg	acaaaccag	ccactgtagc	300
cagtttgtga	cacctccgcg	gatgaggaga	cagttctcag	cacccaatct	caaagctggt	360
cgagaaaccc	agtataaatc	agttctggac	aaacttgaaa	tcatgggtgga	agaaacagac	420
agtgttagct	catgatttga	tttggttcta	cctttggcct	tgagttctta	ttatttacat	480
tataaatatt	aactggtttt	atattgntaa	gacaaaacac	tggtaaaagt	ttcaacacct	540
cccttttgc	tgtataccat	aaatgggcag	nttctgaaat	tttgataaa	gcacaaagaa	600
ctccttttcc	tgaaacgttc	ctnctttttt	agtgccta	taataactt	acttaccng	660
gannnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	aaaaactcgg	ccttttaaat	720
ataggggggn	gnnttacnna	aatccaann				749

<210> 3498

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 3498

gnnnnnnnnn	nnnnnttttn	nannnnnnnn	tnntnnnnnn	nnnnnttttn	aaaaacagct	60
cttgttcttt	ttgcaggatc	ccatcgattc	gagactactg	actctacgct	taaaaattat	120
taagatggca	aatttcatct	tgtttttttt	taacttaaaa	aaactacata	taagatagtt	180
ttgcctgttt	tcaggtttct	tttcagtgtt	ttaggtattc	agtattttaa	tcacaaaatt	240
tgtgatttga	acattttttt	cttccctcat	gagattttta	gtggattgat	acttgctttc	300
cattctgtcc	cgatgtctga	cctttgtaat	gtaaagaaga	acattttggt	taattgagag	360

<220>
 <221> misc_feature
 <222> (1) ... (766)
 <223> n = A,T,C or G

<400> 3494
 gnnnttnann nnnnttttan nnnatacagg ctacttggtc tttttgcagg atcccatcga 60
 ttcgaattcg gcacgagcac catcgaatat ttttatatat tttgagagac agactctgtc 120
 acccaggcta gtcttaaact gttgggtgaa tcttaagtga ttctcccacc tcagcctccc 180
 aaagtgtctg ggattacagg gcatgagcca ctacccttgg ctgtgatcaa gtatttttagt 240
 ctgttggtta aatgtttact aaatagtctg aagtagagaa aatagcacc aatctaaaat 300
 aaggtgaggt ctagtcactt atttaaactt acattttaag ctatagttta ctattagttt 360
 aaactttaag acaggtaatg ttcattgctg agacaatcta agggcattat taaaatgttt 420
 gttcttcctt atctcagaat tgaagtatgt cagaagcaag acttttcttt ccattttgtt 480
 atagtagaaa tgcatacatt aacaggtagc ttttagacat tacacgtgct catctgcca 540
 aaagctctaa tgagctgcct taccctggaa tgtttttctt agcttggatt tgcttttttg 600
 gagggattaa gaaaagactt ggctgggcgt tgggactcat gcctgtaatc cacanttttg 660
 gaaccnagcg gtggatcatg angtcaggag atggagacca tccggctaata acgnggaacc 720
 cccgttttta ctgaaaatcc aaaaattact gggcgtggng gcggcn 766

<210> 3495
 <211> 872
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (872)
 <223> n = A,T,C or G

<400> 3495
 nttananttt naaaaacccc ncttntnttg gcctnacctt ncggttttct ttttttttgg 60
 gccaggggna atnccccca tnccggnatt tcccggaaaa tttccgggnc caccggaagc 120
 cctgggggaa aaaatgggaa aaaatttnat ttnatttttt ncaaccccc atttaggntt 180
 angcccaaat ttaaaaaaaa aggaaaatta ccttccaagt taaantancc gttantnggg 240
 gaaatanctt acctttaagt tccaataaaa aaaaggggga aatggaaaaa taaatggggc 300
 atttttggca ngcaanccct ggggantggg aaaactggg angaaccatt anttcttaaa 360
 agtggangt aaccttcaag ggaaaatggg aaaaaccaa cgggtcgggtg gtgggtcttc 420
 actctttaaa gtggggaagc taaagcttgt ggagggaccc aaagggccta agaaatgata 480
 caatgggact ttggagactc aggggaaaagg gtggggaggg cggtgagggg taaaacagt 540
 ccactgggtc agtgtcactg cttggtgatg gctgtccaaa atctcagaaa tcaccctaaa 600
 gacttattca tgtgccaacc tcctgtccca aacctttaaa aaaaatgcgc catcccccca 660
 tggaaataaa gtcaacagcc tgcagagcaa aaagactggg tagtaactta aaatattcca 720
 aaagagactc ctcatgccta ctagttcact ctgaatctat caaacacgta aaggaatttg 780
 gttcacacca ccaccacccc caatcttnac aatctntgag aaacagagaa ganggaattc 840
 caactccttg tgaggcagct tccctgtcca tg 872

<210> 3496
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (710)
 <223> n = A,T,C or G

<210> 3492
 <211> 795
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(795)
 <223> n = A,T,C or G

<400> 3492

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atcccatcga	ttcgaattcg	gcacgaggna	atgacattca	tgccagttct	tccctgaatg	120
gcagaagcac	tgaagaagta	aagcccattg	gtgaaaacct	ggggccaaac	tgggaaatct	180
gntgggtgnc	ttccccang	ntttaaagga	gatcaatgtn	gaaanggtan	cnggattcaa	240
catttggnc	agccgattca	agaacagtga	aagttattgn	ggatcttatg	ggaccaattt	300
gggccaagaa	gaagtctttt	agacagcttt	acgtccaaca	atgggaccca	tttcaagtat	360
tacttgggtg	ggcattccag	tcaacccatg	gaaaattctg	gatttcgtga	agatattcaa	420
gtacctcctg	gaaatggcaa	cattgggaat	atgcagggtg	ttgcagttga	aggaaaaggt	480
gaagtcaagc	atggaggaga	agatggcagg	aataacagcg	gagcaccaca	ccgggagAAC	540
caggcggaga	aactgacgaa	ttctctaattg	ttagaagang	aaagangaca	taggatgcaa	600
cactttgagc	gaaggaacca	aggcccgga	ggtgggaant	ggangtgatn	ggganccctt	660
gggcttcgac	cagaaggtcc	cgangcagcc	tcaatgacca	natgcctc	tgctgatgaa	720
actgcaggag	gacatgcna	atgtccttta	aagactgcag	aaactggnaa	ccctactgnt	780
tttcaggcna	aaaaa					795

<210> 3493
 <211> 734
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(734)
 <223> n = A,T,C or G

<400> 3493

gcttgntcnc	tnccttttca	aatngctngg	ctactngttc	tttntgcagg	atcccatcga	60
ttcgaattcg	gcacgagagt	ggctggataa	aaggatgtgt	gggaaagaac	tgagttgaaa	120
ttaggagtta	gaattttatt	ctttggtact	aaggaaatcat	tgaagatttt	aaaattaggg	180
ctgacataat	cagattttgag	tttgggaacc	tatagtttgg	gactggagga	agacaggtgc	240
cagacaccag	ttaaaaagct	gttattttct	aagcagtaga	caaaggttta	cactgacaat	300
agctgtggag	atagagaaaa	gctgcgagat	ttcagagttt	tccaagggtg	aaacaactaa	360
atthttgtgat	caaaatgata	agggccatct	aataagctgg	ggaatgtggg	atctgtcttg	420
gttgagttgg	tggattaact	ganattaaca	gagctggagg	aaatgtaaaa	agaaaggcag	480
gattgttcat	tttgtctttt	gtttgtttnt	ggggaacagg	gtcaaaattt	tcattctgcc	540
taangtaggt	tttagtcttt	ttcaaaacat	tctagtaggc	aagtctgtag	ctgaatcttt	600
ggaagaaagg	caaccattag	taatattttt	tgaagttccc	tacctgttta	atthtttcaa	660
taaaaaactn	aggttctcag	gttagcnaga	atcatgggtc	taggaagggt	ancttgtaag	720
acccaaaatt	atnt					734

<210> 3494
 <211> 766
 <212> DNA
 <213> Homo sapiens

ttgaggggaag	taccaaggca	gcttttttcc	tcaaaagtac	ctggtcctct	ttgggaatag	660
cacattttan	gggcattggg	taatcctgag	atcttactca	ntaaatcctg	atgggtactgg	720
gtgtaaaata	tcttttagtng	gattgaaggc	cttgnggggg	a		761

<210> 3490

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 3490

gnnnnnnnnn	nnnnnnntttt	gaaannccctt	tnttnnnnnnn	ngnnntttann	cnnttgaana	60
cnanagctac	ttgttctttt	tgcagatccc	atcgattcga	attcggcacg	aggcaaggcg	120
ccgggggaca	cggttggtgc	gttttcggcg	ggcttcgggg	tcaaaaatgg	ctggggcttg	180
cgaattctn	tggtctactn	cgtaggcana	anggccantt	tgggccccga	agttctgggn	240
gtcgaaatc	ggccggacgg	gaagcttang	atatccacca	ccacaaatc	caaaaatgat	300
gtgatgatca	gaaaaagaag	cttatgtgcc	caagaatgta	atgggaaaga	actgaagaga	360
attattgatg	acagtgaat	tacaaaagaa	gatgatgctt	tgtggcctcc	cctgataggg	420
gttggccccga	caggagcttg	aaattgtaat	tggagatgag	cacatatctt	ttaccacatc	480
aaaaataggt	tctcttattg	atgtaaatca	gtcaaaggat	cctgaagcct	tcgagtattt	540
tactatttgg	tcaagacttg	aaatgtttag	ttttcaatct	tattggatta	cacttcaaga	600
ttaaaccaat	ttaaattgna	tgttttcang	ctgggtgnat	atttaattaa	gggatgggaa	660
gggttatttg	gcatttacag	tattgggggt	tttatgaatg	tgaagcaaac	aaaaaaaaatt	720
tgtatgtaaa	ctggaaatta	ggaaaatccn	ttaccaagct	taatgggtat	ccttacttga	780
gtccacatgg	gttggcagtc	cccan				805

<210> 3491

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 3491

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ttcgaattcg	gcacgaggcc	tgggaaagcg	tggcgcccat	gaatatccgc	aggagcacgc	120
atgacctgg	gggccatgga	cgggatgggt	tgtaccccg	ggggggtaaa	cgaacgggta	180
gcttncaacc	ttcaacttcc	attcgangaa	agtacaaacc	ccgangganc	aacaaagtgg	240
ggtggggccgc	attcctggca	ttgtttcaac	ccggggcgcaa	gcaagtgtgg	ggttgtgggc	300
gggtgcttgg	aagctgcttc	aatttccccg	nccgncatcc	ttccccgacg	cttgtcccg	360
ggccctccac	caagcctctt	gaccaccta	ccaccagaag	ccttgacgcc	ttccacatgc	420
cttaaggggg	accgtggccc	ccaccagggg	acgtcctgcg	ccatccgttc	acgtctcttg	480
catcattcct	tcattgtctt	atcttagttg	ttatttattt	aagttattta	tcttattgag	540
aggtgaggag	tgccacggct	gcccgtttac	accttttagc	tctggtcctn	ctgcgtgtcc	600
tcccttcaact	ggctgcatgg	ggggcccggg	gagtgacaag	cnggggcctt	accggcccaa	660
ggcccggtgc	ctgctnaaac	cttgcanget	gtggagcaag	aggcctgggt	ctttcnaaca	720
ctgcagaccc	acttgaattt	gcacatgcgg	ggtcccggga	aggtggggaa	caagtgtcct	780
tctgtcgtcn	nnttgccgng	tgcca				805

tttttttggg	agagatagg	ttttgccatg	ttgttggtag	caagccctaa	ccctgtcata	300
aacaggcctt	aaataaactg	gccataaaca	ggattttctgc	agcaatggga	catgctcatg	360
atggctgtca	tgcacactgc	gaaaagttgt	tggtttactg	gagcaggga	aggaacacct	420
ggccccgccc	ggagcaaaaa	actgctcaaa	ccacaaacga	tagcaggaaa	ggcctgtgcc	480
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gattgctttg	tttcccataa	agattgcttt	tagctaactct	acaatctata	gaagcaatgc	600
ttatcactgg	ctttctgtca	ataaatgtgt	gggtcaagct	ctgtttgtng	gctctcagct	660
ctgaaaaaaa	aaaaaaaaann	nnnnnnnncc	tccagcctnt	aaaactatag	ngagtcgtnt	720
tacgtanatc	cagacatgat	aaganccatt	gggtgagttg			760

<210> 3488

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 3488

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togaattcgg	cacgaggtcc	aggcttccct	ctgatggcca	accacacctt	aatgctggcc	120
agtctatctc	acacaaagtt	ctaagttttc	cagggtgtcat	agtaactcca	tagtctccct	180
aaatcccttt	ttgaaatttt	tcaacatagt	tcctagtggg	atgggcttac	tttgtgcctg	240
acccatgttt	tctcaagaca	aaacaccatg	gcaggaacag	ccacttgcac	ctgggtcccg	300
tgccacactg	cgggtgcttg	tgtggttggt	gagcctgtcc	ctgcgcgcct	tgctcccggt	360
gagccacgct	gtctggtggg	tgattctctg	cctgagccac	caccctggac	tggtccagct	420
ccagagctgg	cacaccctgc	tgttttctct	ttttagacac	aacagccgca	gtttggcagc	480
cactaagtcc	caccagctga	ggtccgagga	aagcgggggt	actcatttcc	cttgctcaggg	540
cccagaggaga	gtgaggtgtc	cagcctgcaa	agctattcca	gctncttggg	gttggttgca	600
ataaattggg	atttaacaaa	caaaaaaaaa	aaannnaaaa	aaaaaaaaact	cgacctntaa	660
actatagtga	gtcgattact	anatccagac	atgataagat	ncatgatgat	ttggacaacc	720
cacttgaatg	ccttgaaaaa	atgtttnttt	nn			752

<210> 3489

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 3489

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ttcgaattcg	gcacgaggat	cagcccacct	cggcctcaca	aagtgnctgg	attacaggcg	120
tgagccacct	tgcccaccca	catcatacag	ttgaaatgaa	actttgccac	aaccagcctt	180
tgctgtacac	acacatatat	cactgaacct	gggtgaaata	aagntttttt	tctttttcct	240
ctggtattct	gggttctgaa	gtctggtatt	ctggtattct	gggttcaaaa	gtatgacttg	300
agagtgttgc	tctggtattc	tgagagttgc	tctgtattct	gggttctgaa	gattatttga	360
aaaataactc	ctactacatt	gaaatgcaga	cttaaaaaatt	taaacattgg	attaggcagt	420
caaaaaaacc	aagcaagcat	aaaagggtcaa	taagttgtaa	tcttgatagt	aaagggtggaa	480
aacttattat	aatggaaaag	aaagttttatt	tccttttttg	gttgatgggc	agtatgccat	540
attataccca	aagttctttt	aaaaaatatt	tccatcacca	tttttattta	aaataaacat	600


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gnnnnnnnnnt ttngnnntna tgaaaacccc tttaatgaaa cccttttttga anccttatga      60
anccttngc tgcaggatcc catcgattcg gcagcgcacc aggtgggtttt aggagaaaac      120
ttgatagcca cagccctttg tctttctggc agtgggtctc agtctgattt gaaggatgtg      180
ggccagcaca gcaggagagg agggggacac aagccttcgg gaagagcctc catccagtca      240
ctcggctctt taaggcaggg tgccatacta agcagcttgc ctccaggaat tgctctgaag      300
agaaatcccc acaaacctcc atcctaaagg aaggtaacag gggacacaag cttggatttc      360
cgacctgtag tgtctccagc aaatgggggtt gaaggagtcc cgagtggatc aggatgatga      420
tcaagatagc tcttcttgaa gctttctcag aacattgctg tcagactgac ttttaagacag      480
ctgattcaga ggtaaacaca gatcaagata ttgaaaagaa tttggataaa atgatgacag      540
agagaacctt gttgaaagag cgttaccagg angtcctgga caaacagang caagtgggag      600
aatcagcttc caagtgcaat taaagcactt cagcaaagga gagaaganga aatgaagaat      660
cccaggagat attaaaggct atcaggatgt gacaattaaa ccgggaagaa acaaagaaga      720
agattgagaa agagaanaag gagtttttgc aaaagganca ggactgaaag ctgaaatgaa      780
aaactttttg aaaaggccaa aggtan                                     806

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<210> 3486

<211> 792

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (792)

<223> n = A,T,C or G

<400> 3486

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cgaaactgac catgaaaccg ggacgggcat ttgggtcaag tgccgggtnc agtctttggg      180
aagggtggtc tcgggcaacc cacttctttc aaccaatttt cacaagtggg aacaattggg      240
gcgggccttc cgtcgtgggc ccccttcggg ggcttgacac taatgggaca gaagctctcg      300
gtgcccgaag gattgcctgc caganggact tgaccacagc ctggctggca actgctctgt      360
ggaggacctc caggactgag actgggctct ggtttccaag ggtcttctact agggccctta      420
ctacacctgg aagtttcaga acccactttg gggggcctcc tgcttgggca ggctcttcaa      480
gtgtggccct ctttggagtc aacctnctt tccgaccccc ttcccttagc ccagccccag      540
tcactgtcan ggtcgggcca acccctgcac tgccttgcan antggcctgg gctagggtcac      600
ttcacctntc tggcctaatt tncctccttg agtccctaag gcctggaagg tgggaagtat      660
gtctangggg caatgtcttt ttcangggga attctaactn ttgggaaccc cttgttcca      720
aggggaaggn aacctttttc attcaacatt gtaggggona agctttgtgc gccccctgtt      780
aggancaaac cn                                                    792

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<210> 3487

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 3487

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aatatttaag gaacacataa taccaaaacc ataacacata caaatatatg gcccttcaga      180
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<221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

<400> 3483
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 aataggagct cagcaggcag acgaaatgaa ggaantaaag gtcagaagaa aggtcagaag 180
 cttgagtac gttttggaaa tccaccccg tttatttggg agaacttggg ggttcaaaaag 240
 ggccagggtgc ctcagaattt gaggcccaca cagtgaggtc tgggtggggtt gaaagggacc 300
 caggaaccga ggcgttcagg aaagcagggt gtcagagcta tgtggagtct gtgggtggca 360
 ngggcaaccg ctccagcctt tgaagacttt gaaagccaga gattcctgcg cangcttgga 420
 cttcctggga gtcctccaa gtacccaagg gcatcagagc tgcctgggtg ttacatggcc 480
 caaggaaccc aggttcangg taggacaggc aagaccagat cccaatgtgc aaagtgaana 540
 cactgggctc ctgttaaacg atgaagaatt caagacagt acagcattac gtcacccctg 600
 gggacaaaang tcaacctaa gtgacacacg gggactactg tgctttcgga ngctncctgt 660
 gtcctggagg anaaaagctt tanagggggc aactggacaa cttccacttg caaaattcca 720
 accttgcttg ggcaaggnc cngnctggga ctnaacattt ttgatatgcc ttaaaaatta 780
 ttt 783

<210> 3484
 <211> 733
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(733)
 <223> n = A,T,C or G

<400> 3484
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 atacatcatt actggcctca ggggtttacc caaagaaagg gtatttttga gcaataatg 180
 tgatttctctg gctattttgt tgggggctta agattttttt ttttcaaag catttttagt 240
 cactaaaaat taactgtcgt accatctaga actatactgt ccagtaccat agcctctagc 300
 cgtatgtagc tatttgtatt aagattaatt gaaattttta atccagttcc tcagtcacac 360
 tagccacttt ctaagtgtc agtagctctg tgtgaccagc ggctactgta ttggatatta 420
 tagaagggtt tttcattcaa gatcatcatt cttgacagac ccataaataat ttcctataaa 480
 gactgtagaa gtgtgttctg gaggggttgc tctccaaaaa gaattgtaat atagagtaga 540
 attgggatag agtattgaag aactgggtt tagacattgg atattttaat gattgggngg 600
 tctaatcatg tgctgcaact gagttatcta gngatatgac ctctgcttg ccaaagccng 660
 aattnaagca ggattcctga atctatctta aaattgcaat gaaaacctt tccctaaaat 720
 atcccttttg taa 733

<210> 3485
 <211> 806
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(806)
 <223> n = A,T,C or G

<400> 3485

<210> 3481
<211> 760
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (760)
<223> n = A,T,C or G

<400> 3481

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caacactgct	ggnttganac	cctantctgg	ccnaactatt	ttaagaaaan	ggnggtggtt	180
tttgaacagg	aaaagaacct	tcgcccgggtg	gtatgcctcc	aaangcagca	actttatctg	240
gaaaactcaa	angtattccg	agaatttctt	ctgnccaggc	atcctcctat	ttttcatgan	300
tggtttctga	gaacattccc	tgatcctaca	tcatgggtcag	tagtagatca	gcttactgcc	360
gttccactgc	agtaatgtca	atggttgggt	atattctggg	gcttggagac	cgtcattggtg	420
aaaatatctt	ctttgattct	ttgactgggtg	aatgcgtaca	tgtagatttc	aattgncttt	480
tcaataaggg	agaaaccttt	gaaagttcca	gaaattgngc	catttcgcct	gactcataat	540
atgggtaatt	gaatgggtcc	tatgggaaca	ganggtcttt	ttcgaaaaca	tgtgaaaagta	600
caatgangct	gatgcctgat	cancgagagc	ctttaatgag	tgncttaaag	acttttctca	660
tgaaccntt	ggggaatggg	gtaaaccatg	naangggcnt	tccaaacgcc	ccttgaatga	720
aacctggaaa	aattgncaat	gaaaaggcca	aancnttnt			760

<210> 3482
<211> 752
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (752)
<223> n = A,T,C or G

<400> 3482

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atgggcaagg	caggaaaaac	cntgtccagg	ggaacctcca	nttattaaac	cnntcaaact	180
tcattgaaga	attaatcact	taccacgaga	accagattgg	gggaaccatt	cccatgaatc	240
aattattctg	cacctggccc	caaccttgac	acgtgggaat	tattcaatgc	cagggtgaga	300
ttgggtgggg	acccatccaa	ctatgtcaag	tatgttttga	cttctggctt	gattgctang	360
tttgcataga	ngacaaacat	ggaaattaat	gaagtacctt	aatatctggc	ttcagatctt	420
agacaggatc	aganggccag	ctcaaatttg	caaggagggg	aggtagatcc	caccatttta	480
tgggctatgg	caaaatcaaa	cagaaattat	gtgggatggg	agatctgatg	cangcatctt	540
tggaaacatc	tacttagcta	attttatgct	aggctttagg	tcaagaagga	gagaaaaagc	600
tgcatgctgt	ggtacacact	tattgtccca	ncgacttggg	aaactnangc	aggangattg	660
cttgatccca	agaatttgan	gtaatgtgcc	aagaaccgtc	ttngaatag	ccctaccctt	720
gaactcaact	tgggcaacat	tganaaaccc	tn			752

<210> 3483
<211> 783
<212> DNA
<213> Homo sapiens

<220>

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acgttanata	caatacgctn	tntacctctc	tattnttntc	tgacacanat	ctcctctca	1020
ccactcactc	tgntcacgta	tctgcgaaca	ctacncantc	cgtctcacct	ntnanatcgn	1080
ctctacantc	tctnactact	actctctcac	tctctctctc	acanctntca	catctctctc	1140
tacctctcca	cgctntatac	atatacctcc	tncactcctc	tnanngtntt	t	1191

<210> 3479

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 3479

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tcatcctaag	ttccactata	aacagggtca	tgactcgggc	acagacactt	tttgctgac	180
ttntttctta	tgatggtaaa	tgtnccttgc	ctctcntgna	ngtgacgatt	cattaaantt	240
atgggacatc	cgacaattta	ataaaccact	tttttcagcc	tcgggtcttn	ccaccatgtt	300
cccaatgact	gactgctgtt	tcagtccana	tgataagctc	atagtactgt	gtcatctatt	360
caaagaggat	gtggcacngc	aaacttggtt	tctttgagcg	tangactttc	caaaggggtg	420
atgaaataga	catcacagat	gcnantgttg	tctcgtgcct	gtggcatcca	aagctgacca	480
gatcatgggt	ggaactggaa	atggattggc	taaagtctat	tacgtcccn	acaagagtca	540
gangggagca	anattatgtg	tggtgtaaac	ccaacggaag	gcaaacaagc	tgagactcta	600
ctcaggacta	catcataccc	ctcatgcctt	gcctatgttc	gtgagccngc	cacggagtac	660
aaggaacagc	tgagaaaagg	canactggat	ccctgaatcg	cataaacctg	aacttctgta	720
ccaggccccag	ggcntgggtg	ccanttgga	cccacg			756

<210> 3480

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(737)

<223> n = A,T,C or G

<400> 3480

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taactaagat	ggtttctactg	gtgaattcaa	tcaaataattt	aaggaacaca	taataccaaa	120
accataacac	atncaaant	atggcccttc	agattttgtg	cttcttttng	ggtcagtgtt	180
aataatacgt	atcttttcaa	gaatatcccc	cttttttttt	ggtagagata	ggggttttgc	240
catgttggtg	gtagcaagcc	ctaaccctgt	cataaacagg	ccttaaataa	actggccata	300
aacaggattt	ctgcagcaat	gggacatgct	catgatggct	gtcatgcaca	ctgcgaaaag	360
ttgttggttt	actggagcag	ggcaagggaac	acctggcccc	gcccggagca	aaaaactgtc	420
aaaccacaaa	cgatagcagg	aaaggcctgt	gccttggcag	catgtttttg	ctgcagataa	480
tcagccagag	cctgtttctc	tgctcctcgc	tgagattgct	ttgtttccca	taaagattgc	540
ttttagctaa	tctacaatct	atagaacaat	gcttatcact	gctttctgtc	aataaatgtg	600
tggttcaagc	tctgnttggt	gctctcagct	ctgaaaaaaa	aaaaaaaaaa	aaaaactcga	660
gcctntaaac	tntgngagtc	gnttacctan	atccagacnt	gataggatcc	atgatgagtt	720
tggncaaccc	nactng					737

angcaccctg	atctcattct	gagggtccaca	tggcaccttc	tgggccagca	gctgtggccc	540
ngtgtatcaa	agggcgcccc	ttaaagctgg	aacattccac	aagcttcttg	cgctttntg	600
caccnngcag	gcccactttc	ctggcaccct	cgantttata	taaaaagttg	ccctgcgttt	660
naaaaaaccc	accccttgaa	tgaattaaaa	nggagccctt	ggcttgga	aaanaaaac	720
atctnnnct	nnntatcn	naaaananaa	ccnnngcct			760

<210> 3477
 <211> 762
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 3477						
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agcatcctca	cttaccagta	tgccgaggac	ctgatcagga	gacaggcgga	gaggcgggg	180
tgggcgccc	ccatccggaa	gctctatgct	gtgggtgata	accctatgtc	tgacgtatac	240
ggcgccaacc	tgttccacca	gtacctgcag	aaggcaacgc	atgatggggc	gccagaacta	300
ggggccgggg	gcacacggga	gcaacagccc	tcagcaagcc	agagctgcat	ctccatcctg	360
gtgtgtacag	gcggtctaca	tcccaggaac	ccacagtcca	cggagcctgt	ccttgaggga	420
ngggagcctc	cattccacgg	ncaccgagac	ttatgcttca	ntagggactt	tgaaatgggg	480
gaggcagtgt	ggaatactgt	ggatgtctgt	gcagagcctt	tgccggcact	gaaggcatgc	540
agcctgtcgg	cagagtgtct	taacaccag	atgcctactt	tttactgnat	ngtagtttat	600
tgcccgagga	tggtggggct	ttttttttta	aataaaataa	tcataattaa	atgttcatga	660
aaananaaac	atnttcnaaa	aaacttcnag	cctctngaac	tntantngag	tccttatnac	720
ctncatncca	gancttgnta	aggattccat	tgatgaagtt	tn		762

<210> 3478
 <211> 1191
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1191)
 <223> n = A,T,C or G

<400> 3478						
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ccaagtagca	gnctcagcac	tttcaaagat	aaaaacaaaa	atgatggcct	taaacctaa	180
caggctgaca	gtgtanagca	agctgtttat	tactgtaaga	agtgcactta	ccgagatcct	240
ctttatgaaa	tagttangna	gcacatttac	agggaaacntt	ttcancatnt	gncantactn	300
ttncatanta	caggcnngnn	aannnatcac	tcaatggggc	ntgttnncnn	tangctctct	360
atnttcntcn	cnntanncnc	tgccancnnn	cttnnnnatn	nctnnnnnt	ntcnctncc	420
cccttaattc	ccgntnnant	ngcanntnct	cnnanctanc	nactnanatg	nactcatatn	480
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ctcanantac	tctntctct	ctactcttca	nacngtnntn	aancctctct	atctatcnca	660
cntnnnatat	acancacnct	ctctactanc	acacntctcn	catcagactc	tcntctantc	720
acanacgata	ctncnctcta	ctnttaccga	ngnagtcncc	ntctccnntt	acttnaatnc	780
cacnnntca	ctnnccnatc	cnnctatntc	gcattnnatnc	actcactcnt	tcnatnctta	840

aacatctatt	tcacatgtac	ccaaaagcat	ttaaaaagca	gaatccaggg	cccagagcat	240
gagccagggg	ggaggatggt	tttcttcttt	tctctatatt	tccctaaatt	gtgcaaacat	300
angtgagtct	cttaaccttt	ctgngcctca	gtttttctac	ctctaaaggg	gtgggatggn	360
tcttcaaant	gnttctaaaa	caccggcact	ttcagcagtg	ttcnggtggc	ctgagatgag	420
agcccggtgt	cagaagtgcc	tgggagtggc	ccactgggaa	actecgcttg	cacngaccnt	480
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aantgctggg	ngtaaaagtt	tgncattgat	ttccttngan	gccttttnaa	nncctcccnc	600
ttcttttttg	nntttaaaaa	aanaaaaagg	ggtntnttat	cantggntcc	nnntttcggn	660
aaaaaantnt	tgggcaaaac	ttttnaaacc	naggggggnc	cttntccacg	caaaaagccc	720
cgcacccagg	nnaacngnaa	tttccccctt	tncnggnat	gggctcngtc	ggaaatgcng	780
ccttnccctn	ggaaccantt	ctcgggcccc	naannggtnn	nnggcnatt	tcncttgna	840
aaaaann						847

<210> 3475

<211> 694

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (694)

<223> n = A,T,C or G

<400> 3475

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atcttnggtt	aattcagatt	gagcanttaa	agtttttgct	atttaccttt	gtgcaggctg	180
gcatatgcta	atttgggggt	ggtaaccaac	cgattttatc	tcatgtaagc	attacatttt	240
gaagactgaa	tatacttcac	agcagatcaa	acacatttat	ggcatgcact	gacctcttct	300
tggagccag	aactttatag	agttgcctac	cagggtttac	tgtnatggaa	tttatgatct	360
taagaaatta	ctagttgcat	tatttatccc	tatgattcat	tattcaatn	aagcntttac	420
tgcataaact	ttacatccng	cactgtagct	taagtncccc	aaaaattgaa	tngnanntaa	480
ttngtctntt	cganaattgc	ccaacgcnnn	gcccaggcca	ccggtggntt	naccgcctgt	540
nggtccccag	cnttntctcg	ggaangcccn	agccntnccg	gancccnag	ttcnnaaaaa	600
tcagaccnt	ccctggntaa	cnccggtcaa	aacccgggtc	tnttantaaa	aatncanaag	660
atttancntn	ggccttggtg	ggcnccccc	cncn			694

<210> 3476

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 3476

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aagaccaacc	agaaagtctg	cctgaagatc	cgggaggcgg	acagccccga	gggccccag	180
cattctccac	tggcagctgg	actcctgaag	aagggtggcag	aggagacacc	agtatgaatg	240
ctgggtctct	cggaccctgc	agcagagagg	ccagaggtag	ctgggtgatac	cctgtcctgt	300
ggaaggactt	ccacttcaac	acttccactt	caacagttcc	cgcacggcct	gaacgcttct	360
taggccaaga	gacaccatgc	ggagcctagt	ctgtgatcct	gtgtgaagat	attttcaggg	420
tttttttttt	tttttgcata	tggaggacag	gtggacatgg	tcctgagctc	tggacggagc	480

<400> 3472

nttttgtata	cttttcccctt	ntctcaggcc	tttttgcagg	atccctcgat	tcgccacgac	60
tcatttgttt	cattcacatt	cctcacgtgc	ntnaacatan	ttatatatta	agaaaaatgta	120
actttgttac	atcaaaatat	gttgtctagt	aaaaagttga	tattcagtag	aacaaggatc	180
atgtaaataa	acatctat	cacatgtacc	caaaagcatt	taaaaagcag	aatccagggc	240
ccagagcatg	agccagggag	gaggatgttt	ttcttctttt	ctctat	ccctaaattg	300
tgcaaacata	ggtgagtctc	ttaacctttc	tgtgcctcag	tttttctacc	tctaaagggg	360
tggtgatggt	cttcaaattg	tttctaaaac	accggcactt	tcagcagtgt	tctggtggcc	420
tgagatgaga	gcaccgtgtt	cagaagtgcc	tgggagtggc	acagtggaaa	ctccgcttgc	480
acggaccatg	gagtctgctc	aggaccatgc	tgtaggacac	acagcctcat	gcgctgagaa	540
agcaaaggaa	gtgctgggtg	taaaagtgtc	atgattccat	gaagctttag	ttttcctttt	600
tttggtttta	aaagaaagg	ttttatatgt	tctattgnaa	aatatggaaa	ttaaacaggg	660
acttcaagaa	agccgcacag	aaagatcacc	ttctgatggg	gtgatgggtg	tcctgacatt	720
cnggccgang	tctgnattct	gaaaaaagan				750

<210> 3473

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (847)

<223> n = A,T,C or G

<400> 3473

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tcattcacat	tcctcacgtg	caacaacata	atttatattt	aagaaaatgt	aactttgtta	120
catcaaaata	tggtgtctag	taaaaagttg	atattcagta	gaacaaggat	catgtaaata	180
aacatctatt	tcacatgtac	ccaaaagcat	ttaaaaagca	gaatccaggg	cccagagcat	240
gagccagggg	ggaggatgtt	tttcttcttt	tctctat	tcctaaatt	gtgcaaacat	300
angtgagtct	cttaaccttt	ctgngcctca	gttttctac	ctctaaaggg	gtgggatggg	360
tcttcaaant	gnttctaaaa	caccggcact	ttcagcagtg	ttcnggtggc	ctgagatgag	420
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ggagtctgct	cangacctgc	tgtnggacca	cacancctna	tgcgctgnga	aagcanaagg	540
aantgctggg	ngtaaaagtt	tgncattgat	ttccttngan	gccttttnaa	nncctcccnc	600
ttcttttttg	nntttaaaaa	aanaaaaagg	ggtntnttat	cantggntcc	nnntttcggn	660
aaaaaantnt	tgggcaaaac	ttttnaaacc	naggggggnc	cttntccacg	caaaaagccc	720
cgcaccacag	nnaacngnaa	tttccccctt	tncnggnat	gggctcngtc	ggaaatgcng	780
ccttncctcn	ggaaccantt	ctcgggcccc	naannggtm	nnggcenatt	tcncctggna	840
aaaaaann						847

<210> 3474

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (847)

<223> n = A,T,C or G

<400> 3474

tctttttnan	anctcnngcc	ttctgcagg	atcccatcga	ttcgccacga	ctcatttgtt	60
tcattcacat	tcctcacgtg	caacaacata	atttatattt	aagaaaatgt	aactttgtta	120
catcaaaata	tggtgtctag	taaaaagttg	atattcagta	gaacaaggat	catgtaaata	180

<400> 3470

tgttttgttt	ttgaaccctt	tttggnantc	ccgcaggatc	cccatcgatt	cgaattcngc	60
acggagaaga	ctttgggaaa	cacacattaa	aatatttctca	tgcttttnaa	cgccagcgca	120
ccaagtagca	gnctcagcac	tttcaaagat	aaaaacaaaa	atgatggcct	taaacctaa	180
caggctgaca	gtgtanagca	agctgtttat	tactgtaaga	agtgcactta	ccgagatcct	240
ctttatgaaa	tagttangna	gcacatttac	agggaaacntt	ttcancatnt	gncantactn	300
ttncatanta	caggcngggn	aannnatcac	tcaatggggc	ntggttnncn	tangctctct	360
atnttctntc	cnntannnc	tgccancnnn	cttnnnnatn	nctnnnnnt	ntcnctnnc	420
cccttaattc	ccgntnmant	ngcanntnct	cnnanctanc	nactnanatg	nactcatatn	480
tttcacncnc	cctgccttat	tcatcaacan	nnnngntanc	gcatttnnct	cactctatnt	540
ctctctnntn	ncnnntttnt	ntntcgatat	ctcttnnacn	cactacntnc	ctctctnact	600
ctcanantac	tcttntctct	ctactcttca	nacngtnntn	aancctctct	atctatcnca	660
cntnnnatat	acancacnct	ctctactanc	acacntctcn	catcagactc	tcntctantc	720
acanaagatc	ctncnctcta	ctnttaccga	ngnagtcncc	ntctccnntt	acttnaatnc	780
cacnnntca	ctnnccnctc	cnctatntc	gcatttnatnc	actcactent	tcnatnctta	840
tntntncncc	ntctctctnt	ntccnantga	ngatacatat	gtccanactc	nancnttccn	900
atcnntcnc	tgctnttntn	cactntctcn	tntcaccntc	tannacatcn	tctctntcnn	960
acgttanata	caatacgctn	tntacctctc	tattnttntc	tgacacanat	ctcctcctca	1020
ccactcactc	tgntcacgta	tctggaaca	ctacncantc	cgtctcacct	ntnanatcgn	1080
ctctacantc	tctnactact	actctctcac	tctctctctc	acancnttca	catctctctc	1140
tacctctcca	cgctntatac	atatacctcc	tncactcctc	tnanngtntt	t	1191

<210> 3471

<211> 736

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(736)

<223> n = A,T,C or G

<400> 3471

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acttgcccttg	ttttactatt	gatgtttgtg	tcctgtgtcc	ttaacacttt	aagcagctgt	120
tctcacctaa	aggctaata	ttttaagtaa	gtttcttttt	cttttttttaa	tttaaaaatt	180
aaaaaatttt	taattaactt	tttttaaatt	aaaaaaaatt	attaattatt	tttaatatagac	240
aggatcttgc	tatgctgtcc	aggctgggtc	tgaactcctg	gtctcaagtg	atcctcctgc	300
cttggcctcc	caaagtgtcg	gtattacagg	tgtgagtcac	tgacactggc	caagtttatt	360
ttttctgtat	acatttcttc	agccacttca	atcaaacatt	taattaacat	gctataatga	420
atgacttttc	ttactagggt	aacaaatgag	gcacttggaa	acttacttta	gttacagcct	480
cactttcttt	ttttgngagg	aaattctgtg	ttgacatact	ctttaatttc	tttttacctt	540
ttctgactga	ttttctgtaa	tttggaata	ttgngatgac	tgcttattct	aataatatta	600
acatatagca	ttcttttagc	acataaatag	tttcatttgc	atagtaagcg	ccaggttttn	660
ccatcgaatt	ttgatnaaaa	taatccatgc	ttcatgggtac	cttagagatg	ggatatttta	720
aggcctctan	aactan					736

<210> 3472

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<220>
 <221> misc_feature
 <222> (1)...(741)
 <223> n = A,T,C or G

<400> 3468
 caacngctct gntctttttg caggatccct cgattcgaat tcggcacgag aagactttgg 60
 aaacacacat taaaatattt catgctccga acgccagcgc accaagtagc agcctcagca 120
 ctttcaaaga taaaaacaaa aatgatggcc ttaaacctaa gcaggctgac agtgtagagc 180
 aagctgttta ttactgtaag aagtgcactt accgagatcc tctttatgaa atagttagga 240
 agcacattta caggggaacat tttcagcatg tggcagcacc ttacatagca aaggcaggag 300
 aaaaatcact caatggggca gtccccttag gctcgaatgc ccgagaagag agtagtattc 360
 actgcaagcg atgccttttc atgccaaagt cctatgaagc tttggtacag catgtcatcg 420
 aagaccatga acgtataggc tatcagggtca ctgccatgat tgggcacaca aatgtagtgg 480
 ttccccgatc caaaccttg atgctaattg ctnccaaacc tcaagacaag aagagcatgg 540
 gactcccacc aaggatcggg tcccttgctt ctggaaatgt ncggtcttta ccatcacagc 600
 agatggtgaa tcgactctca ataccaaaag cctaacttaa attctacagg agtcaacatg 660
 gatgtcccag tgttctgtat aaaatgcaaa ataaatgggt tttattaacc anacaaanaa 720
 aaaaaaaaac ntcgagccct n 741

<210> 3469
 <211> 860
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(860)
 <223> n = A,T,C or G

<400> 3469
 ggaactggct caggctggat tactcttgct gctgtcttgc tgtactgtat gccactggga 60
 tctgaacact aaacattgct aagaaaccca cccaccacca ggatatttgg aagtaacttc 120
 acatatggaa aagttaaaga ctcagtctct gagaaaaaca ttggactgat gcgaatgcag 180
 ttttggaaaa aaactgtgga agatatatac tgtgacaatc caccacatca gcctgtggcc 240
 attgaactat ggaaggctgt taaaagacat aatctgacta aaagatggct tatgaaaatc 300
 gtcgatgana gagaaaaaaa tctggatgac aaagcatatc gtaatatcan ggaactggaa 360
 aattatgctg aaaacacaca gagctctctt ctttacttaa cactagaaat attgggtata 420
 aaggatcttt catgccacat catgcttgca cgtcattatt gnaanaagcc ccnaangcat 480
 ttgtccacct gcntngaagc gncaacaccc ntnttccttg gggaagcctt tnnncaaaaa 540
 ggngttccc ntntctccat ggnnntntnt ntencnnttg cctncenttn ggccgatttn 600
 cactnacnna angnaccttc nnctttctcg nnatggatat cccaangncc ttttnnaccn 660
 nctcgnaccc acnanctggg taantctnac atctgcaccc nttctggccn cctcttctct 720
 cggntcacct anctccggan ccaccnatct cnetncccat tggctctctg aggncttctc 780
 ctnttnnctc tctcacatna tntantntng cnnnccectt ntncgttnta aatanntcca 840
 tntctctcn cccgnntat 860

<210> 3470
 <211> 1191
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1191)
 <223> n = A,T,C or G

tnccccncca cccccnngng tcnttaatcc cnanncc

757

<210> 3466
 <211> 780
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (780)
 <223> n = A,T,C or G

<400> 3466

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ggcttctgga	ttgtttcact	gtgattccta	ggttttttcg	atgccacgca	gtgtgtgctt	180
ttgtgtatgg	aagcaagtgt	gggatgggtc	tttgcccttc	tgggtaggga	gctgtctaata	240
ccaagtccca	ggcttttggc	agcttctctg	caaccacccg	tgggtcctgg	ttgggagtg	300
ggagggtcag	gttggggaaa	gatggggtag	agtgtagatg	gcttggttcc	agaggtgagg	360
gggccagggc	tgctgccatc	ctggcctggt	ggaggttggg	gagctgtagg	agagctagt	420
agtcgagact	tanaagaatg	gggccacata	ncancanagg	actgttgtaa	gggagggagg	480
ggtanggaca	gaagctagac	ccaatctcct	ttgggatgtg	ggcngggang	gaaacacgct	540
tgganggtta	atttaccac	nnaatgtgat	antnataggg	ganggaagct	gctgtgggtt	600
taactcctgg	gttgncttgt	tgggtagaca	gntnggggaa	aaaggcccct	tgaattcatt	660
gtaagcncaa	gtcccaactt	ngcccctgac	tccttgccng	gnggtattng	gggaaacttt	720
ttgaacnaaa	accatcngnt	tgctnnetgg	accttttgca	ngccccttta	nccccnttnt	780

<210> 3467
 <211> 741
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (741)
 <223> n = A,T,C or G

<400> 3467

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aaacacacat	taaaatattt	catgctccga	acgccagcgc	accaagtagc	agcctcagca	120
ctttcaaaga	taaaaacaaa	aatgatggcc	ttaaacctaa	gcaggctgac	agtgtagagc	180
aagctgttta	ttactgtaag	aagtgcactt	accgagatcc	tctttatgaa	atagttagga	240
agcacattta	cagggaacat	tttcagcatg	tggcagcacc	ttacatagca	aaggcaggag	300
aaaaatcact	caatggggca	gtccccttag	gctcgaatgc	ccgagaagag	agtagtattc	360
actgcaagcg	atgccttttc	atgccaaagt	cctatgaagc	tttggtagag	catgtcatcg	420
aagaccatga	acgtataggc	tatcagggtc	ctgccatgat	tgggcacaca	aatgtagtgg	480
ttccccgatc	caaacccttg	atgctaattg	ctnccaaacc	tcaagacaag	aagagcatgg	540
gactcccacc	aaggatcggt	tcccttgctt	ctggaaatgt	ncgggtcttta	ccatcacagc	600
agatggtgaa	tcgactctca	ataccaaaag	cctaacttaa	attctacagg	agtcaacatg	660
gatgtcccag	tgttctgtat	aaaatgcaaa	ataaatgggt	tttattaacc	anacaaanaa	720
aaaaaaaaac	ntcgagccct	n				741

<210> 3468
 <211> 741
 <212> DNA
 <213> Homo sapiens

gttgagttgg	tggattaact	ganattaaca	gagctggagg	aatgtaaaa	agaaaggcag	480
gattgttcat	tttgtctttt	gtttgtttnt	ggggaacagg	gtcaaaattt	tcattctgcc	540
taangtaggt	tttagtcttt	ttcaaaacat	tctagtaggc	aagtctgtag	ctgaatcttt	600
ggaagaaagg	caaccattag	taatattttt	tgaagttccc	tacctgggta	attttttcaa	660
taaaaaactn	aggttctcag	gttagcnaga	atcatgggtct	taggaagggt	ancttgtaag	720
acccaaaatt	atnt					734

<210> 3464
 <211> 789
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1) ... (789)
 <223> n = A,T,C or G

<400> 3464						
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ggagtagctg	ggattacagg	catgcaccac	catgcctggc	taattttnta	tactctagta	120
ntagacaggg	tttcgcccac	gttggtcagg	ctgggtctcaa	actctngacc	tcagggtgatt	180
caccacactn	agcttcccaa	agtgtcggga	ttataggcgc	gagccaccat	ggctcancct	240
catgttcggt	tttaaaactt	aggatgggtg	ctcttntaca	ttgattggca	ggaactcttc	300
atattacgag	gcacttagct	agntgnctgt	gaaatanaat	actaatgatt	gaactttcta	360
ggaagtgcct	attctgctaa	tagtgnaaat	atacacttat	ccagggtcag	naatactnna	420
gtntaccac	ttaaangatc	tagacataca	tgaacttggg	cttacttgcc	cgttanaatt	480
gcatacttta	naatagtcca	tcaccttact	taangnagat	atgcntngat	tatccngatt	540
actcnntaac	atagcctctc	ncettancgt	tctcacctga	atgtantacc	tggaacctctn	600
caagtcnanc	agaggccnat	aataaaagtt	canaagttta	nncnnnacac	ccctctcccc	660
ccncccant	ncccaanccc	ctcccannac	cccctctccc	nccacnccct	cacctcnna	720
tcnccacc	ccactcnncn	nncannccct	ccccccacc	cccnnncnt	acnccctcnt	780
cccatcncg						789

<210> 3465
 <211> 757
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1) ... (757)
 <223> n = A,T,C or G

<400> 3465						
ttncctcnc	ttaateccatt	ccttnagcct	tnntgcagat	cccatcgatt	cgcttttctg	60
gagggagaca	cccatctcct	gcccttgga	atcaggactt	ttngttcttc	ggcctttgga	120
ctcaggcttg	ccacagangc	ctcccagggc	tctcgccag	tcagcctcag	aatgagagtt	180
acaccactgg	cttccttggt	tcaaccacct	tcttacctgg	actgagcctc	acttacagct	240
tctctaggtc	tccagcttgc	agacagccta	tgggaggact	tctcagcctc	cataagtgtg	300
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ggaggtanag	gttgagctga	gcccagagac	gagccactgc	actccagcct	gggtgacagg	600
gcaagactct	gtctcaaaca	anatnaaaat	ccctctccaa	aaaaaaanac	cnctcccaag	660
tttaaccat	tcanntccnt	taccaannga	ancntctatt	nancaaaana	tcnnnccncc	720

tnacggaccc	caagctctac	ggcagccttc	ccntttgtgt	gcttttggag	cgggcagggg	300
actcagaggc	tcccctgtgc	tcctgaccta	tgtccctgga	tacgctatga	actctcacgg	360
gctccccagc	cctnccccanc	aaggggtact	gccanggnna	agnggcttgg	cctngggtec	420
ccccanaatc	tcanggaatt	tattgnanng	ggganttgna	agccngaagc	tantctacnt	480
tccccagggg	acccaannag	caanagtaag	cnncattttt	cnnaaanggg	tgcnncccc	540
cttntattga	aaagggngtn	gtntntatcc	aangccancn	ttgntnatct	tgnacggngg	600
accaacggcg	ccctatgtnt	cccangnaan	cctcancann	accttctact	ttttactcnn	660
actntnttcc	nacctncttn	tncttctnatn	ctttaanttt	ccctctnncc	attnctcnaa	720
aatnacctt	ctttncagng	gcttnnntnt	nacatcantt	aaataancnc	ttntttcctn	780
aaatacatcc	naaacatcna	accnaacctt	atnccctncg	ggnccttttc	nacacntant	840
tgncaattct	ctatatgcga	actacanant	taaccatttt	tggacanatc	tcggngngana	900
nttattttcta	taatccacac	taatnncann	tacnt			935

<210> 3462

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 3462

nttttgtata	cttttncctt	ntctcaggcc	tttttgcagg	atccctcgat	tcgccacgac	60
tcatttgttt	cattcacatt	cctcacgtgc	ntnaacatan	ttatatttta	agaaaatgta	120
actttgttac	atcaaaatat	gttgtctagt	aaaaagttga	tattcagtag	aacaaggatc	180
atgtaaataa	acatctattt	cacatgtacc	caaaagcatt	taaaaagcag	aatccagggc	240
ccagagcatg	agccagggag	gaggatgttt	ttcttctttt	ctctattttt	ccctaaattg	300
tgcaaacata	ggtgagtctc	ttaacctttc	tgtgcctcag	tttttctacc	tctaaagggg	360
tgggatgggt	cttcaaattg	tttctaaaac	accggcactt	tcagcagtg	tctggtggcc	420
tgagatgaga	gcaccgtgtt	cagaagtgcc	tgggagtggc	acagtggaaa	ctccgcttgc	480
acggaccatg	gagctctgct	aggaccatgc	tgtaggacac	acagcctcat	gcgctgagaa	540
agcaaaggaa	gtgctgggtg	taaaagttgc	atgattccat	gaagcttttag	ttttcctttt	600
tttggtttta	aaagaaaggg	ttttatatgt	tctattgnaa	aatatggaaa	ttaaacaggg	660
acttcaagaa	agccgcacag	aaagatcacc	ttctgatggg	gtgatgggtg	tcctgacatt	720
cnggccgang	tctgnattct	gaaaaaagan				750

<210> 3463

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (734)

<223> n = A,T,C or G

<400> 3463

gcttgnctnc	tnctttttca	aatngctngg	ctactngttc	tttntgcagg	atcccatoga	60
ttcgaattcg	gcacgagagt	ggctggataa	aaggatgtgt	gggaaagaac	tgagttgaaa	120
ttaggagtta	gaattttatt	ctttggtact	aaggaatcat	tgaagatttt	aaaattaggg	180
ctgacataat	cagatttgag	tttggaacc	tatagtttgg	gactggagga	agacaggtgc	240
cagacaccag	ttaaaaagct	gttattttct	aagcagtaga	caaaggttta	cactgacaat	300
agctgtggag	atagagaaaa	gctgcgagat	ttcagagttt	tccaaggtgt	aaacaactaa	360
attttgtgat	caaaatgata	agggccatct	aataagctgg	ggaatgtggg	atctgtcttg	420

<223> n = A,T,C or G

<400> 3459

ggntcttcna	atgctnggct	ntngttcttt	ttgcaggatc	cctcgattcg	aattcggcac	60
gaggtcacct	ccactagagg	gggataaaaa	ggataatagg	aaatcagaat	attttgattt	120
gtagttcaac	tggtgatcaa	ttatctttga	gacttttaac	attcatgact	aaggaggatt	180
aataattaac	atgagctgta	gaattaaggt	ttgtatggca	tgataagtat	aaaccagttt	240
tgggaccgct	ataattctaa	aaaagcaggt	agactagatg	attagttgta	cacttattac	300
tgctaattct	tgattgtaga	acaaattttc	ctatgaaaac	catgtttgtg	attttataatc	360
tctattagtt	cgttaaaagt	ttancagttt	tagatgtcga	accagtaaaa	aacaagttgc	420
ccattctatc	atttttttta	ttgtggtaaa	atatatttaa	gataaaaattt	acgatttttaa	480
ccatcttaag	tgtacattgg	tacagtggca	ttggttacgt	tcacaatggt	gtacaactgt	540
catccctatc	tatttccaaa	gctttttcat	cacccaaaca	gctctatacc	cactaacaac	600
aactccacat	caccactcc	ccagccctgg	ttatctctgn	tctactttct	gcctctatga	660
attcggatat	tccagttggn	ncatataagn	nggactcata	taatatnngc	ccttt	715

<210> 3460

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3460

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gcccaggcta	gtcttgaact	cctgggctcg	aatgacccctc	ccacettggc	ctcccaaagt	120
gctgggatta	taggcgtaag	ccactgtgtc	tggcctagtg	tatgattatg	catgagtcac	180
gcaatgttct	ggctctggat	tccaggagta	gaggacctag	ctttaaataca	attagtttca	240
gctaaactga	ctagaaccag	gtcaaagtgt	aattctccct	ccagctcccc	caaaactaga	300
gttgggggga	actggaggga	gcaaaacact	gatttgatac	tagtcagttt	gcttgaaact	360
agttcaccta	aagctagatc	tcttaaaacc	aatttactga	aaacttggtt	gcttaaagtt	420
aatgacttaa	tgactaattt	gccaaaagct	caattccctat	tttgggtgtg	ttatatccat	480
ttaggtgtcc	tattcttttt	tgtcatgtct	tggatatttc	aaggatttat	atctattcat	540
ccaagagtac	ttctgagcta	ttatcagcaa	cataaattta	tcaaatttgc	agcactttgt	600
aaaatgatga	gaatgcttcc	tacctttatg	gatgtctntt	tctatgggat	ctaccattca	660
aaaacttttt	taaaaagttt	aaaagttcta	gcaataaaaat	ccaattggta	cagacatttt	720
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<210> 3461

<211> 935

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(935)

<223> n = A,T,C or G

<400> 3461

ccntcatcct	ttttacagnt	tttnaactnt	ttcngcagnn	ncncganc	cgcnantnca	60
nntggggaac	atcttcttgt	ctgctggaca	cctgatttgg	gcccggttct	ctgccattcc	120
tttctgcaat	tacatgggtt	tcccagctgt	tttgcgcggc	cttggagcac	ccacagaggc	180
ggncctgct	ggcangctat	gcctgggtg	tgggactctt	cctgcttctg	ctccagcccc	240

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(664)
<223> n = A,T,C or G

<400> 3457

cacgagattt	tgccatgtgg	caagttgggt	tgtggagttg	ggcaggtgtg	aaagggtaaa	60
actccacttc	tgaatgctgc	ttctgcccc	tgggacccag	cacattgtta	gaccatcttc	120
ttgactgaaa	attctctcct	gatgctgagc	cctgcaccac	caccttcctt	ttcctaacta	180
tgaatagatg	gcaaagtcca	ctcaaaacaa	ccagttaagt	gctcacgaga	gagtagtcaa	240
gcacctccag	aaagaaaccg	ggtttttgtt	cacatagcan	gaagtgactc	cctgggtggt	300
nattnatctt	ggaaacacag	gtagattggc	agaaaaacgg	gaacatgtag	gtaccgcgat	360
gttgggtgcat	gtncattact	ttgggatagg	ctttctcagt	ctttcctcaa	atgatngttg	420
agccagtttt	ccagggggca	attctgantg	acttgcgctt	gtcttatggg	gtgggtcaagg	480
gactttcana	actacngaaa	acttttactg	anacagctga	aacaagagta	taccggcntg	540
agagggaaga	tgaacactca	cctatgtacc	actcttttga	caatnaatnt	agtattttctc	600
aaatcaagtc	tnnagactga	tcctgtctca	aaaaaaaagc	ctntagacta	ttattgagtc	660
cgtn						664

<210> 3458
<211> 822
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(822)
<223> n = A,T,C or G

<400> 3458

atcccatcga	ttcgaattcg	gcacgagcca	tgggcggctg	cactcccnac	anatgggagt	60
gnccagggag	gacttgctca	gccatggatn	cacaccgacn	gctgaggggg	cgcctggcta	120
cctnntgtac	catccctgtg	nctacatgct	tgcangagga	cggatggctt	actgnangaa	180
naagccngna	tgcantctg	natgagaaca	caggcaganc	nccctctata	gaaagcctgc	240
tttgggnanac	ntnntcatan	agccgagact	ncacntacnt	caengccttg	ngnaanattc	300
aactcgagg	gatctatgtc	ttacgttcct	gcaagcgccc	ntggagctgc	ccntgganac	360
gtgtgccagc	cancnagagt	gntggnaag	ccccncnnan	nnacettcaa	tcatggacag	420
cacnaancgg	ntggntctgc	gcnagangtg	ctgggtaatg	agnttacgtn	caaggttngt	480
atccactaga	gcccgangta	tcatanccnc	caaccacgta	actntgggna	atnnnaatna	540
atccaaagat	ttantngaaa	ctttaattgc	gaccantngt	aagacaccnt	ggtaaatttt	600
agcccaancn	aatgaacncc	tcnngtcttt	gcaattaaaa	taaaatnact	ggcggnttta	660
nctgcccccc	anttngccat	ttctnntttt	annaaaacag	gnengttttc	caaccatttn	720
cgnccttttt	tcttaaantg	ttgccttggn	ccgnattntt	aaaaantcnn	natnctaaaa	780
tagcccgaana	agncttttgg	ancaacnttn	taaccttggg	ng		822

<210> 3459
<211> 715
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(715)

aggttaaagt	tgtggaagac	agtggggata	actgagtgac	agataatcan	gagaagaaaa	540
ggagatccag	aatcatgacc	agagagatga	cctttgccaa	gagcacagcc	atctttcact	600
gtcnanaga	ggtaggacaa	aacgattggg	gttcaagaat	tgggtttgta	gcacaatatt	660
ttaactatgt	cctttaaaaa	agttttctcc	ccagacacta	cccaaagcca	gtcctttcac	720
tacagggggc	cgacagaccn	tgaaaatn				748

<210> 3455
 <211> 716
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (716)
 <223> n = A,T,C or G

<400> 3455	
tctcantnct	aggctcttgt tctttttgca ggatccctcg attcgaattc ggcacgaggt 60
attcagcttg	gctggagcag aggcaggagt ggggaactgg ggacaggtga gactagaggt 120
tggcagaaac	cagccatagt agtttttgcc tcatttggac aacaaggagc catccaagag 180
agagcgggtga	agctgatggg gacacagcca tggcgcatcg aaataccccc agtggctgtg 240
ttgtagggta	tattgggttg gggagggaca aggtcaggag gcatagactc gacatcatct 300
gatgtgattc	angacagaat ggcgagcctg aagtgaagtg tctgtaggat aagttggaaa 360
ggaaggaacc	aatatgagat attaaagaag tgaaagctat aggtcccgat gccttaataa 420
aggtaaggag	taagagaaga ttcgagattg actcccagac tctccagtct gctggacatg 480
ggagatggaa	tagaagttga tctcggnttg gtcataaggag agcagttact gtgttgagca 540
tggatagcct	gtcgttcccc aggagaagga ntacagcttg gctggaaatn ngcaatgccn 600
annttggaga	gatccacctt ggggtcactc ctaggggggc nacccttgna ncccttgagt 660
agcaatcccc	ccagaaanga tncaaagggc ttgannctna actttaana ancnnnt 716

<210> 3456
 <211> 712
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (712)
 <223> n = A,T,C or G

<400> 3456	
tttacantag	tagctctcgt tctttttgca ggatccatcg attcgaattc ggcacgagat 60
ttgcttcgag	ggtagtgtct tactaaaagt taggaacaga gacctagtgg tgtgtccaag 120
gccgtgtcac	tttccccttc agcacacccc agcttctgac ctcagagccc aggagctgcy 180
tggacagtgt	ggggtgccag gaggaggggc ggtggctggt cctcaggaac gctgcactcc 240
cagccagaca	tggtctttcc gtttcttaag tagcaagtgt aggtttcagc tggcagttcc 300
acctgcatgt	tctctgcttc gctgccttgg aaggggccac attccccatt cctcttctcc 360
ttacagcgcc	tgccctcttt ttcaagcagg cggaaagctg ctgtttctca cgtttcaggg 420
agaggggtga	gaggagggag acctgtgtcc gtgccgtccg gctccctggg tgggaacagg 480
caagggatca	gatgcccctg acaccacgcc tctggcacac canatgcctc tgcagtcctc 540
gacagcctct	tcagtgtccc tctgcggtg atgtccttac tgtccccagc caaggccggg 600
gaccggtgtt	tactganga cctgcattag aaacattttt taaattgttg tncaggaaga 660
gatgtgtcct	aaaacagcat ctttaaagct gantgtattt ctttgcacaa ag 712

<210> 3457
 <211> 664

tctaaaaagc	tgccggttat	ttaaccccaa	tgatgatgga	aaggaggaac	caccaaccac	180
attacttttg	gtccagtact	acttggcaca	acattatgac	aaaattggtc	agccatctat	240
tgcttttgag	tacataaata	ctgctattga	aagtacacct	acattaatag	aactctttct	300
cgtgaaagct	aaaatctata	agcatgctgg	aaatattaaa	gaagctgcaa	ggtggatgga	360
tgaggccagc	gccttggaca	cagcagacag	atttatcaac	tccaaatgtg	caaaatacat	420
gctaaaagcc	aacctgatta	aagaagctga	agaaatgtgc	tcaaagttta	caagggaagg	480
aacatcagcg	gtagagaatt	tgaatgaaat	gcagtgcattg	tggttccaaa	cagaatgtgc	540
ccaggcttat	aaagcaatga	attaaatttg	gtgaagcact	taagaaatgt	cattgagatt	600
gagagacttt	tataggaaat	cactgatgac	ccagtttgac	tttcatacat	actgtatgan	660
ggaanattac	ccttagnatc	ttatggtggg	actttattta	aaaacttnca	nnaatgttcn	720
ttcgacagcc	ttccatttta	acttcnaagg	cnncaangaa	ttnt		764

<210> 3453

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 3453

ttnttcncc	tttttnaanc	ctttttgcag	gatcccatcg	attcggactg	ctggccgagc	60
ccgctgggag	tctagaaaga	gaaaatctgt	ttctagacct	cagttatttt	cccatTTTTg	120
gttgTTTTga	agcagtaaca	tttttctcag	tgacatgca	atttgggttt	tagagaagat	180
ggccaccagc	tggtttccta	gatattttta	acttttggtc	tttaatatgc	tgtccatggc	240
tgagtttatt	agtacatggg	cttagtgacc	acaaaatatt	ttattaagaa	actgtttcaa	300
aaataaattt	gcactgttca	tttttctggc	ctcgctgttc	tccatagagc	aagggtaatc	360
ctagaaaaat	tttttttttt	ttaaattatg	caacgtaaga	tgctctcctt	gatagaagtc	420
ttagctcctg	tgttacaagg	gagaactcat	ttgagatcag	tctgttggca	ttgcaatgaa	480
gtgctttgta	tcangaaagt	gtacactatt	gacctttttt	cctgttcaca	agctgagcca	540
tatgtacata	atctagattt	tgTTTTcata	gttttgact	ttttatagcc	tatttttgaa	600
gattaacaca	tttgcaagat	gatntgactc	aatctttgcc	taatccaaat	gagtgttacc	660
agagagcttg	cntgtgacta	gaacccataa	aattctttaa	anggggtatg	ttgataatag	720
aagggcnggg	aattttaaac	ccnggntttt	aaaaaaat			758

<210> 3454

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3454

tntcccttga	accntttttg	ntntcctgca	gggatcccat	cgattcgaat	tcggcacgag	60
caccttttct	ccagttttcca	ataacacatt	cctctttttcc	acctgagacc	tcaccagaat	120
cacctttaat	ctctatatte	ctaccaatag	tcttttttaag	gcaatatagg	ctttctctaa	180
catgcacttc	aaacttcaag	atggagggga	tgccatacaa	caggactatg	tgatggTTTT	240
tggtgtgtgc	cataggaagt	cacaacaggc	aagggaaaga	aaccagaacc	cagtcattgga	300
gttaagaagt	gagtcagaga	gtagatgggt	agggacagtg	aggtaaggcc	tctttctaa	360
gaagtttggc	tgaaggatag	actagctgga	cacatgctgg	ctgtgtgggg	tagagggagg	420
aatgatggan	ggtaggagag	ccttgagcct	gcgagaagag	tctctagaat	agagaagctg	480

<222> (1) ... (738)
 <223> n = A,T,C or G

<400> 3450

cttcttttctn	tnncacgttc	tttttgcagg	atcccatcgg	attcgggagn	aactgctcac	60
tcctttttccc	tcccatata	aactcaaagt	cccctgggcc	ccaattcaga	gttatgtttt	120
ttttggcaca	tactagaaag	gcagtgcctc	agcccttccc	tgaatccatg	gaggtgttct	180
gtttggggct	tttttagactg	ctgctgctca	gctgggtgct	tgaactgaca	gtaggccagc	240
ctgttctctg	ccattcccta	gtcatcctgt	gcctcaccac	agcttgctta	gagcaagcct	300
tttctcagac	cttaggcaca	gcctctctct	tttacctgat	caatgttaaa	tgtaagcacc	360
cctgatccca	ggacataagg	aaagatgccc	aattgtactt	ttgttctata	gcctgtgaaa	420
tggctagtgtg	atcatttttc	cacaaagaat	tangtggtta	gagttttcct	tcangcttta	480
cttangagaa	tggactaagc	tgaangtgta	ctttaccagc	aagagtcaac	tctagaattt	540
cangatgttc	cttctattgc	ctcttagcca	tctgtcagga	aatgtaaactn	tggttttatt	600
ttnggctatt	ccanggggta	agccanaaaa	tnгнаatgat	nattctgatt	aatagcagaa	660
actttttcat	cccaaattat	aaggggnctg	ctctttttaa	aagcntctaa	gctaagtcna	720
gagcttagga	actgtgac					738

<210> 3451
 <211> 746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (746)
 <223> n = A,T,C or G

<400> 3451

ttnnntntnt	gaacttttta	ccctgttctt	ntgcaggacc	catcgnttcg	aattcggcac	60
gagggctctg	accctgcagg	actgggcagc	ccagcgggtg	accatctcct	accgagcccc	120
agagctcttc	tctgtgcaga	gtcactgtgt	catcgatgag	eggactgatg	tctggctcct	180
aggtgacgtg	ctatatgcca	tgatgtttgg	ggaaggccct	tatgacatgg	tgttccaaaa	240
gggtgacagt	gtggcccttg	ctgtgcagaa	ccaactcagc	atcccacaaa	gccccaggca	300
ttcttcagca	ttgcggcagc	tcctgaactc	gatgatgacc	gtggacccgc	atcagcgtcc	360
tcacattcct	ctcctnctca	gtcagctgga	ggcgtgcag	cccccagctc	ctggccaaca	420
tactacccaa	atctgaaaaa	gcagcatgtt	gagaagatgg	ccccttgtgc	cttggaaga	480
ggttcccatc	cctcattgga	atcaccaccc	attccatcca	ggacttctct	tacacttggg	540
ggtagccggg	gtcaggacaa	tcattctcagt	cctgcattct	ttcttctgct	ttcttccctc	600
caagagcaaa	acctgggcaa	ggggacttac	tgagtggggg	tgggtggggg	ttgggaaaag	660
ggaaacnnnt	gggatatggn	acatggntct	nagcaggant	gntgagctac	ntancgtntt	720
gactcnaaan	tnngngagca	gnnnat				746

<210> 3452
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (764)
 <223> n = A,T,C or G

<400> 3452

ttntntttcc	ttgaancctt	tttctacann	cncctttgca	gatcccnctg	tcgaattcgg	60
cacgagagac	aaagaaaagg	tggcaatcat	agaagagttt	ntagtaggtt	atgaaacctc	120

<211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(759)
 <223> n = A,T,C or G

<400> 3448

ttnnnntcaa	cnggacnnct	tttacccttc	ccgttcttnt	tgcaggntcc	catcgattcg	60
aattcggcac	gagatgttgc	ccaggctggg	ctcaaactct	tnntntntcaa	gcaatactcc	120
tgcccttgcc	tcccaaagt	ctgggataat	aggcatgagc	catcatgcct	ggccgaactt	180
atTTTTaaat	tctttgggaa	tctaaaagga	ctatgtgctt	tcttttttac	tggattatgt	240
gagaagataa	tagtttgcag	agaaattcag	tgaagcagct	gataaaaatgc	tttaaaaata	300
tatttcagag	aattgagcaa	taacagtgat	gtcaaaaatag	tagccccacc	ttctccagcc	360
cacctaaacc	aacctgagc	atggacacat	gcatttcttg	tcatcagcca	gacgaaatgg	420
agtagcaaaa	atccatccta	tatgtcattg	agtcttataa	tacagttctc	ttttctctgn	480
ctattaataa	aagaccccac	tgaatgaagc	cgggaattctt	ttaggcaatt	taaactttct	540
gaaatagagg	aaagttggaa	aggggcggta	gtcaaggaat	atagaagtaa	aaaatatttt	600
tgaggtcaaa	tgttatctg	aacagattgn	ctagtctgat	tatttttaaa	agtattatgt	660
tgatccagtg	gtttaaattt	gaatcaaaag	taatgattta	accaaagggt	gtgcttccat	720
tattaacctc	agaaacacta	agaaaccgaa	atcactttt			759

<210> 3449
 <211> 736
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(736)
 <223> n = A,T,C or G

<400> 3449

tnntnncnnc	tnntggaacc	ctttttgcag	gatcccatcg	attcgaattc	ggcacgagca	60
aaaagctgct	gctgggcagc	cccagctcgc	tgagcccctt	ctctaagcgc	atcaagctcg	120
agaaggagtt	cgacctgccc	ccggccgcga	tgcccaacac	ggagaacgtg	tactcgagct	180
ggctcgccgg	ctacgcggcc	tccaggcagc	tcaaagatcc	cttccttagc	ttcggagact	240
ccagacaatc	gccttttgcc	tcctcgtcgg	agcacgcccc	atattagtgg	tccggggccg	300
ggcaggccca	gctcaaaaaga	gggcagacgc	agcgacactt	gttcttcaca	cacccccatt	360
cggcgtagta	cccagagagc	tcaagatgtg	tggcagtttt	cgatggaag	ctcgagagcc	420
cttaagttct	gagaaaattt	gaagccccca	gggggtgggg	ggacgcgtgc	cgcccagtcg	480
acgtcagcgt	ggtctgtcat	cctgctagtt	ngtgatgttt	tctgacagta	gcctncaaga	540
accggttggt	cgaagacaga	gtcctgcaga	gtccttccag	cctagcctgc	agcgccattt	600
tatttatatt	ttttaataaa	aagtaaaaca	nnaaaaacag	acccacattg	gaacagtga	660
tcattccata	gagaggcccg	tggaccatcg	ttgtcatgag	tgatgcctgg	ccttttgaaa	720
ccagecnacc	taattc					736

<210> 3450
 <211> 738
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

taggttttagt	ctttttcaaa	acattctagt	aggcaagtct	gtagctgaat	cttggaagaa	600
aggctccata	gtnatatatt	tgagtttcta	ctgntttatt	ttcaataaaa	actcangttc	660
tcangtttagc	anatcatggg	cttaggaagg	tagctgnana	acccaaaatat	at	712

<210> 3446

<211> 836

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(836)

<223> n = A,T,C or G

<400> 3446

ggagggatga	aaatgagccc	tgggagggag	gaagggacga	ggaggggtgg	ctgcatgtta	60
ccgtccncta	cctctccac	gtggaggggtg	gagcagttat	gagggaggaa	gtcaactgct	120
gttcagcctc	agaataaagg	tgccgttcac	tggtcagtt	acctcctgtg	taccggcatc	180
ttgtgttggg	aatgttcccc	cctncctagg	gaccaaggan	caccctaca	aaaanagtaa	240
ntggttgggt	gatactccct	taagccaaan	aggagctacc	caacctgttc	ttagggaccc	300
angttaccta	caaggggtggg	agagaattca	atgggcccag	atgttgggtg	aagccccatc	360
tctggggctc	angtttcttg	gaanacttat	actatcccta	ccctcctnaa	ngcctgnatc	420
agactaaaat	ntgtataant	canngcntgg	gaccctantc	nanggtcttg	ggaagctncc	480
ctnnccnntt	ngggtnccna	nnagcnaaca	ttntntcnca	gggncncnt	tatnggnaaa	540
antgtnggnn	cacattcccc	ccttctccaa	aggaangngg	ccncgnatta	acaatnngct	600
anncttttgc	ccattggctn	aaaancccc	ccccacattt	ccatnatttc	angnttgngc	660
nncattatct	atttctttat	antgnnttgg	tanncncttn	ttnnactcaa	agnnnatcnc	720
ttacctttca	cnatcccnca	attttnctng	gctccanctg	tgnnccnttt	nganancctc	780
nncctncttn	cttncaggga	ntnttanang	ntnatctaaa	tntgnggcnc	atannt	836

<210> 3447

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 3447

cttacnttng	ctctcgttct	ttttgcagg	tccctcgatt	cgaattcggc	acgagttcag	60
ggttgggtgg	tctgtggacc	ttgagctagt	ttttaatcaa	catggaaact	ccagtgatct	120
atttaaaaac	ttgcattggg	tcattgccagg	tttattggag	gttataccct	ccaatgtatt	180
tccaactcag	ggttaaagcc	aaggtcctta	tggtggaaga	tggggcatat	aaactggcat	240
tctggcgctc	acacactcca	atatctacta	ctctcccctc	ttgctcgctc	agctgtggct	300
tgcttattca	gctttttgct	cttctctgga	tacatcaaac	atatgtaggc	ccagggtttt	360
aaccatttta	acaactgaac	ttgtaactgc	actagttctc	caggtaagca	gaagtattag	420
ggttatggac	agtttatccg	aagtaataac	caggaatgcc	taataaaaac	atgcangtat	480
tgtggtaaaa	aatagagttg	gtgaacaagg	agttaccttc	tgactgnttc	tcttttagtg	540
aagtaggagg	caagggttatt	agctaagagt	gagatggtta	ggagatgggtg	taaattttaaa	600
ggaaaagaat	taagggtatga	gatagttggc	taggataatg	aanttnntga	atggtttttga	660
gctaagtngt	attaaaatcc	ccttttaggt	atagacnatg	aanttcctaaa	gcncactta	720
gcccaaccctg	ggttctttct	tttctttt				747

<210> 3448

aagttcatcc	accataaaac	acacaggtga	ctttgccttg	aatctgcagg	actgaagcca	240
actcttgggc	acagaccctt	agtccttcc	ttggccactc	taagtcagat	agtccagagc	300
caggcccttt	gggatgtgac	accgagataa	atcagagaaa	agctgtgaag	cttggggaac	360
agagggactt	ttggtgaagt	agggtggtctg	cagtttctat	cttcttggga	aaagcnagct	420
ggaaaagtga	acagtgggtg	gtaggccata	gtgctcccag	ctgggtgaca	taatgaccac	480
acagcacagt	gatgttatta	gcaactgtgt	ggtggagtag	ttgtgggctg	gacaaatcaa	540
tcgtgtggaa	attgttagga	gttttattac	attaaacttg	ttaacctaaa	ataccatcaa	600
aaaaaanaaa	nttnatgntt	nnacntacnt	gtnatnntan	aaaaaaaaac	nttgagccct	660
ttaaaaccta	ttanngngtc	ctttttaccn	taaaatccan	accttnntta	agaatncatt	720
tggattgaat	ttttggnctt					740

<210> 3444

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 3444

tcntcgtttt	natncttgga	aatttgnana	tngctaggtc	actngntctt	tttgcaggna	60
tcccatcgat	tcgaattcgg	cacgagcctt	ccacgggttat	ttcacagata	tggagagctg	120
gaagcagggg	gtgagtctct	gagtgttgga	attgtaaggg	atcagaagca	gggatcagaa	180
gcagtgggtg	agttcatcca	ccataaaaca	cacaggtgac	tttgccttga	atctgcagga	240
ctgaagccaa	ctcttgggca	cagaccctta	gtcccttcc	tggccactct	aagtcagata	300
gtccagagcc	aggccctttg	ggatgtgaca	ccgagataaa	tcatagaaaa	gctgtgaagc	360
ttgggggaaca	gagggacttt	tgggtgaagta	ggtggtctgc	agtcttctatc	ttcttgggaa	420
aagcaagctg	gaaaagtga	cagtgggttg	taggccatag	tgctcccagc	tgggtgacat	480
aatgaccaca	cagcacagt	atgttattag	caactgtgtg	gnggantant	tgtgggctgg	540
acaaatcaat	cgtgtggaaa	ttgttaggag	tnttattaca	ttaaacttgt	taacctaaaa	600
taccatnnaa	aaatanaatc	ngnnntaaaa	cnancntata	nggatgtnan	aanaactcga	660
gcttctaaaa	ctntagnnga	gcctttgtta	cgatanatcen	ngacatgnnt	aagatacatt	720
ggttagtttt	ggacaant					738

<210> 3445

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(712)

<223> n = A,T,C or G

<400> 3445

tctccttgaa	attgcttatn	gctaggctac	ttgttctttt	tgcaggatcc	catcgattcg	60
aattcggcac	gagagtggct	ggataaaaagg	atgtgtggga	aagaactgag	ttgaaattag	120
gagttagaat	tttattcttt	ggtactaagg	aatcattgaa	gatttttaaaa	ttagggtcga	180
cataatcaga	tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	agggtgccaga	240
caccagttaa	aaagctgtta	ttttctaagc	agtanacaaa	ggtttacact	gacaatagct	300
gtggagatag	agaaaagctg	cgagatttca	gagttttcca	agggtgtaaac	aactaaattt	360
tgtgatcaaa	atgataaggg	ccatctaata	agctggggaa	tgtgggatct	gtcttgggtg	420
anttggtgga	ttaactgaga	ttaacagagc	tggaggaaat	gtaaaaagaa	aggcaggatt	480
gttcattttg	tcttttgttt	gttntgggga	acaggggtcaa	aatttttcatt	ctgcataagg	540

<223> n = A,T,C or G

<400> 3441

cttgcctttg	aaaancgttg	gtactngtt	ctttttgcag	gatcccatcg	attcgaattc	60
ggcacgaggc	ggcgctgacc	cggcggggcc	cacacccgct	cttcctcttc	tttgccggcg	120
actccctttc	ctgcctccaa	gacctggtgt	ctccactgt	gagcccagct	gtcccacagg	180
cagtcccat	ggacctagac	tcaccttccc	cttgctctta	tgaacctctg	ctggggccag	240
ccctgtccc	agctcccgac	ctgcacttcc	tgtctggactc	aggcctccag	ctccctgccc	300
agcgagcggc	ctcagccacc	gctcccccct	tcttccgggc	cctgctgtca	ggcagctttg	360
cagaagccca	gatggacctg	gtgcccctgc	gaggtctgtc	gcctggtgca	gcctggcctg	420
tcctgcatca	tttgcatggt	tgtcgggggt	gtggggctgn	nntggggccc	gtgcccacac	480
cangcnancc	cctgtatggg	atcanaggcn	cgaagangca	ntgnangctg	ntggcanntn	540
aantactgnc	tgggctggaa	nangaactnn	taaaagtcnt	ngcccnatc	caccttggn	600
cccnannttn	nncnntant	cnnngggntn	angtggtnnn	nctnngggac	agntcnntnt	660
ggntgncna	tngnncnnat	gnanacttgg	ggttcannaa	ncntttccnn	atgnaaneng	720
ngtc						724

<210> 3442

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 3442

gttcaatnnt	tgaaatttna	nntcgctagg	ctactngttc	tttttgcagg	atcccatcga	60
ttcgaattcg	gcacgagcct	tcacgggtta	tttcacagat	atggagagct	ggaagcaggg	120
agtgagtctc	tgagtgttgg	aattgtaagg	gatcagaagc	agggatcaga	agcagtgggtg	180
aagttcatcc	accataaaac	acacagggtga	ctttgccttg	aatctgcagg	actgaagcca	240
actcttgggc	acagaccctt	agtccttccc	ttggccactc	taagtccagat	agtcagagc	300
caggcccttt	gggatgtgac	accgagataa	atcagagaaa	agctgtgaag	cttggggaac	360
agagggactt	ttggtgaagt	aggtggtctg	cagtttctat	cttcttggga	aaagcnagct	420
ggaaaaagtga	acagtgggtg	gtaggccata	gtgctcccag	ctgggtgaca	taatgaccac	480
acagcacagt	gatgttatta	gcaactgtgt	gggtggagtag	ttgtgggctg	gacaaatcaa	540
tcgtgtggaa	attgttagga	gtttttattac	attaaacttg	ttaacctaaa	ataccatcaa	600
aaaaanaaaan	nttnatgntt	nnacntacnt	gtnatnntan	aaaaaaaaac	nttgagccct	660
ttaaaaccta	ttanngngtc	ctttttaccn	taaaatccan	accttnntta	agaatncatt	720
tggttggaat	ttttgncct					740

<210> 3443

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 3443

gttcaatnnt	tgaaatttna	nntcgctagg	ctactngttc	tttttgcagg	atcccatcga	60
ttcgaattcg	gcacgagcct	tcacgggtta	tttcacagat	atggagagct	ggaagcaggg	120
agtgagtctc	tgagtgttgg	aattgtaagg	gatcagaagc	agggatcaga	agcagtgggtg	180

<210> 3439
 <211> 713
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(713)
 <223> n = A,T,C or G

<400> 3439

ancctttnaa attccntngc cntaggctac ttgttctttt tgcaggatcc catcgattcg	60
gctgcacagt ggggaagggca ctgggctgga agccctaccc atgtcaggga atgtctgggc	120
ctcagatttt tattttctag aatgaagata cttaccccc aattgctgag atatttgaat	180
aaaagtatat gtgaaggatt ttgtaattat agaatgtcct acaaatatga gtagttcggt	240
tgctactttt ttggcgaaga aaaatattgg gatgcatgaa taatatctac ctaagggtacc	300
taagggttga ttcattcccat ttattgaatg ccaaggatat accagctact gctccagatg	360
ttgtattcag ggaacagaag aagagtcctt gtgcccattg agctaacagc attctagggg	420
aggaaagatg ggtcagctga ctttcacgat ctcagggtact gatgaagatt gtgaagatta	480
ttacatcang tgaatgtang ggtgatttag agaaagctgg tagctaggct gttcaaggaa	540
gggcctctgt ganaaagggg atggntggct ggntgtgggtg gttcacgcct atnatcccag	600
cactttggga ggttgggagt ttgagaccag cctgaccagc atgganaaac cccgtctcta	660
ctaaaaatac aaaattagcc cggcatgggtg gcacatgcct gtaatccagc tcc	713

<210> 3440
 <211> 713
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(713)
 <223> n = A,T,C or G

<400> 3440

ancctttnaa attccntngc cntaggctac ttgttctttt tgcaggatcc catcgattcg	60
gctgcacagt ggggaagggca ctgggctgga agccctaccc atgtcaggga atgtctgggc	120
ctcagatttt tattttctag aatgaagata cttaccccc aattgctgag atatttgaat	180
aaaagtatat gtgaaggatt ttgtaattat agaatgtcct acaaatatga gtagttcggt	240
tgctactttt ttggcgaaga aaaatattgg gatgcatgaa taatatctac ctaagggtacc	300
taagggttga ttcattcccat ttattgaatg ccaaggatat accagctact gctccagatg	360
ttgtattcag ggaacagaag aagagtcctt gtgcccattg agctaacagc attctagggg	420
aggaaagatg ggtcagctga ctttcacgat ctcagggtact gatgaagatt gtgaagatta	480
ttacatcang tgaatgtang ggtgatttag agaaagctgg tagctaggct gttcaaggaa	540
gggcctctgt ganaaagggg atggntggct ggntgtgggtg gttcacgcct atnatcccag	600
cactttggga ggttgggagt ttgagaccag cctgaccagc atgganaaac cccgtctcta	660
ctaaaaatac aaaattagcc cggcatgggtg gcacatgcct gtaatccagc tcc	713

<210> 3441
 <211> 724
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(724)

ctaaggaact	ggaagacttg	attcctaata	atcatatcan	aacacctgcc	ancnccaaat	540
caattcatgc	taacttctca	tctggagtag	gtaccacagc	agcttccagt	aaaaatgcat	600
ttcctttggg	tgctccaact	cttgtnactt	cacangcaac	aaccgttatc	tacgttccca	660
ncccgcta	aaacttaata	agaatgttct	tagaaaaaaa	atntnaaaan	ctcgact	717

<210> 3437

<211> 722

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(722)

<223> n = A,T,C or G

<400> 3437

gngtcatnct	ttnaantttc	taatngctng	gctacttggt	ctttttgcag	gatcccatcg	60
attcgctggg	tttgattggg	cagattcttt	tttactagc	ggcggttttt	cttttatgtc	120
ttgttataaa	gaagtatctc	attggaccct	attatcggaa	gctgcacatg	gaaagcaagg	180
ggaacaaaga	aatcctgac	ttgggaatat	ctgcctttat	cttcttaatg	ttaacgggtca	240
cggagctgct	ggacgtctcc	atggagctgg	gctgtttcct	ggctggagcg	ctcgtctcct	300
ctcagggccc	cgtggtcacc	gaggagatcg	ccacctccat	cgaacccatc	cgcgacttcc	360
tggccatcgt	tttcttcgcc	tccatagttt	ctcctggcgg	cgtcgttcct	gtctctcatt	420
ctgccgagga	gcagccagta	catcaagtgg	atcgtctctg	cggggccttg	ccaggtcagc	480
gagttttcct	ttgtcctggg	gagccggggc	cgaagagcgg	gcgtcatctc	tcgggaggtg	540
tacctcctta	tactgagtgt	gaccacgctc	agcctcttgc	tcgccccggg	gctgtggaga	600
gctgcaatca	cgaagtgtgt	gccagaccg	gaanagacgg	tccagcctct	gatggctcgg	660
agatgatgga	cgtggaaag	ggaaccntct	gtggggagtg	aaccgcttaa	natggccagc	720
at						722

<210> 3438

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3438

tnnttntcca	cttggaaacc	cttttnngaa	ancccgacgg	natcccatcg	attcgctctg	60
ggagtagctg	ggattacagg	catgcaccac	catgcctggc	taattttnta	tactctagta	120
ntagacaggg	tttcgcccac	gttggtcagg	ctgggtctca	actctngacc	tcaggtgatt	180
caccacactn	agcttcccaa	agtgtctggg	ttataggcgc	gagccaccat	ggctcancct	240
catgttcggt	tttaaaactt	aggatgggtg	ctcttntaca	ttgattggca	ggaactcttc	300
atattacgag	gcacttagct	agntgnctgt	gaaatanaat	actaatgatt	gaactttcta	360
ggaagtgcct	attctgctaa	tagtgnaaat	atacacttat	ccaggggtcag	naatactnna	420
gtnatccac	ttaaangatc	tagacatata	tgaacttggg	cttacttgcc	cgttanaaatt	480
gcatatctta	naatagtoca	tcaccttact	taangnagat	atgcntngat	tatccngatt	540
actcnntaac	atagcctctc	nccttanctg	tctcacctga	atgtantacc	tggacctctn	600
caagtcnanc	agaggccnat	aataaaaagt	canaagttta	nncnnnacac	ccctctcccc	660
ccnccanta	ncccaanccc	ctcccannac	cccctctccc	ncccaancct	cacctcnna	720
tcncccaac	ccaactnnnn	nncannccct	ccccccacc	cccennnct	acncctccnt	780
cccatcncg						789

tctccttgaa	attgcttatn	gctaggctac	ttgttctttt	tgcaggatcc	catcgattcg	60
aattcggcac	gagagtggct	ggataaaaagg	atgtgtggga	aagaactgag	ttgaaattag	120
gagttagaat	tttattcttt	ggtactaagg	aatcattgaa	gatttttaaaa	ttagggctga	180
cataatcaga	tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	aggtgccaga	240
caccagttaa	aaagctgtta	ttttctaagc	agtanacaaa	ggtttacact	gacaatagct	300
gtggagatag	agaaaagctg	cgagatttca	gagttttcca	aggtgtaaac	aactaaattt	360
tgtgatcaaa	atgataaggg	ccatctaata	agctggggaa	tgtgggatct	gtcttggttg	420
anttgggtga	ttactgaga	ttaacagagc	tggaggaaat	gtaaaaagaa	aggcaggatt	480
gttcattttg	tcttttggtt	gttntgggga	acagggtcaa	aatttttcatt	ctgcataagg	540
taggtttagt	ctttttcaaa	acattctagt	aggcaagtct	gtagctgaat	cttgaagaa	600
aggctccata	gtnatatttt	tgagtttcta	ctgnttattt	ttcaataaaa	actcangttc	660
tcangtttagc	anatcatggt	cttaggaagg	tagctgnana	acaaaaatat	at	712

<210> 3435

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(712)

<223> n = A,T,C or G

<400> 3435

tctccttgaa	attgcttatn	gctaggctac	ttgttctttt	tgcaggatcc	catcgattcg	60
aattcggcac	gagagtggct	ggataaaaagg	atgtgtggga	aagaactgag	ttgaaattag	120
gagttagaat	tttattcttt	ggtactaagg	aatcattgaa	gatttttaaaa	ttagggctga	180
cataatcaga	tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	aggtgccaga	240
caccagttaa	aaagctgtta	ttttctaagc	agtanacaaa	ggtttacact	gacaatagct	300
gtggagatag	agaaaagctg	cgagatttca	gagttttcca	aggtgtaaac	aactaaattt	360
tgtgatcaaa	atgataaggg	ccatctaata	agctggggaa	tgtgggatct	gtcttggttg	420
anttgggtga	ttactgaga	ttaacagagc	tggaggaaat	gtaaaaagaa	aggcaggatt	480
gttcattttg	tcttttggtt	gttntgggga	acagggtcaa	aatttttcatt	ctgcataagg	540
taggtttagt	ctttttcaaa	acattctagt	aggcaagtct	gtagctgaat	cttgaagaa	600
aggctccata	gtnatatttt	tgagtttcta	ctgnttattt	ttcaataaaa	actcangttc	660
tcangtttagc	anatcatggt	cttaggaagg	tagctgnana	acaaaaatat	at	712

<210> 3436

<211> 717

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(717)

<223> n = A,T,C or G

<400> 3436

tntcattcaa	gtntctaange	tggtcttttt	gcaggatccc	tcgattcgaa	ttcggcacga	60
gactgtctct	tcattcccaa	gaagaaaaga	caagtactgc	tacttccaaa	actcagacac	120
gacttgaagg	tgaagtgact	cctaattcct	tgtcaaccag	ctacaagaca	gtgtcattgc	180
cattaagctc	tccaaacata	aagctgaatc	tactagccc	taaaaggggt	cagaaaagag	240
aagaanggtg	gaaagaagtt	gtacgaaggt	caaagaaatt	gtctgttcca	gcctcagtgg	300
tgtcgaggat	aatgggaaga	ggaggatgca	acatcactgc	aatacaggat	gttactggtg	360
cccatattga	tgtggataaa	canaaagata	agaatggcga	gagaatgatc	acaataaggg	420
gtggcacaga	atcaacanga	tatgcagctc	aactaatcaa	tgcactcatt	caagatcctg	480

<220>
 <221> misc_feature
 <222> (1)...(731)
 <223> n = A,T,C or G

<400> 3432

tnagtttgaa	tgcttngant	tgctaatagc	ttggctactc	gttccttntg	caggnatccc	60
atcgattcga	attcggcacg	agcagtggct	ggataaaagg	atgtgtggga	agaactgag	120
ttgaaattag	gagttagaat	tttattcttt	ggtactaagg	aatcattgaa	gatttttaaaa	180
ttagggctga	cataatcaga	tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	240
aggtgccaga	caccagttaa	aaagctgtta	ttttctaagc	agtagacaaa	ggtttacact	300
gacaatagct	gtggagatag	agaaaagctg	cgagatttca	gagttttcca	aggtgtaaac	360
aactaaattt	tgtgatcaaa	atgataaggg	ccatctaata	agctggggaa	tgtgggatct	420
gtcttggttg	agttggtgga	ttaactgaga	ttaacanagc	tggaggaaat	gtaaaaagaa	480
aggcaggatt	gttcattttg	tcttttggtt	gttttgggga	acaggggtcaa	aattttcatt	540
ctgcataagg	taggttttagt	ctttttcaaa	acattctagt	aggcaagtct	gtagctgaat	600
cttggaagaa	angcaaccat	agtaatat	ttgagtttct	actgnttatt	ttttcaataa	660
aaaactcagg	ttctcaagtt	tancagattc	atnggtctta	ggaaaggtag	ctgttnaacc	720
aaaatantaa	t					731

<210> 3433
 <211> 731
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(731)
 <223> n = A,T,C or G

<400> 3433

tnagtttgaa	tgcttngant	tgctaatagc	ttggctactc	gttccttntg	caggnatccc	60
atcgattcga	attcggcacg	agcagtggct	ggataaaagg	atgtgtggga	agaactgag	120
ttgaaattag	gagttagaat	tttattcttt	ggtactaagg	aatcattgaa	gatttttaaaa	180
ttagggctga	cataatcaga	tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	240
aggtgccaga	caccagttaa	aaagctgtta	ttttctaagc	agtagacaaa	ggtttacact	300
gacaatagct	gtggagatag	agaaaagctg	cgagatttca	gagttttcca	aggtgtaaac	360
aactaaattt	tgtgatcaaa	atgataaggg	ccatctaata	agctggggaa	tgtgggatct	420
gtcttggttg	agttggtgga	ttaactgaga	ttaacanagc	tggaggaaat	gtaaaaagaa	480
aggcaggatt	gttcattttg	tcttttggtt	gttttgggga	acaggggtcaa	aattttcatt	540
ctgcataagg	taggttttagt	ctttttcaaa	acattctagt	aggcaagtct	gtagctgaat	600
cttggaagaa	angcaaccat	agtaatat	ttgagtttct	actgnttatt	ttttcaataa	660
aaaactcagg	ttctcaagtt	tancagattc	atnggtctta	ggaaaggtag	ctgttnaacc	720
aaaatantaa	t					731

<210> 3434
 <211> 712
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(712)
 <223> n = A,T,C or G

<400> 3434

gnnncncttt ttnaaaccttt tac

743

<210> 3430
 <211> 776
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

<400> 3430
 tgctcctttna attctaagtc ttggctactc gntctntttg cangatccca tcnattcgan 60
 tncggcacga gggcaggggc ccttanagtc ttggttgcca aacagatttg cagatcaagg 120
 anaacccagg ngtttcaaag aagecgtagt aangtntctg agatcctngc nctagctnca 180
 tctnagggt aggangaana tggctnnnmn aancatgcgn gtgctcctat tgetganctn 240
 nctgnccaaa ncatgagtc tgggtgatata catcatgaga cccacatgtg ctectgnatg 300
 ganttaccac tacttcaaata gctatgagta ctntcagaaa ctntngaact ggtctgatgc 360
 centgntann naacttntn nctgnttggc ctnnccntc tagatcaang ganengcnnt 420
 aatcccaaan tcatntgan tnaagatcan nngttcctgc tnggcacctt tcnagnataa 480
 tccccctttt gcttgntnaa acggaantnn anaaggngtg tntnnttcna atcttattan 540
 aattcttgn attncatttg ctataatccc tggagcctgg atttcctgga anccgtaaaa 600
 cngggcttct aagcacctta cncnnttcca tcttgaaag nancccccgt nnncatncan 660
 tnagnctnct antntaant cntattggag accctnaana ttccttttac atcaaanggn 720
 nggtataana atntttcngg nattttncag ganctgngta aaattnttat tntacc 776

<210> 3431
 <211> 731
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(731)
 <223> n = A,T,C or G

<400> 3431
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 atcgattcga attcggcacg agcagtggct ggataaaaagg atgtgtggga aagaactgag 120
 ttgaaattag gagttagaat tttattcttt ggtactaagg aatcattgaa gatttttaaaa 180
 ttagggctga cataatcaga tttgagtttg ggaacctata gtttgggact ggaggaagac 240
 aggtgccaga caccagttaa aaagctgtta ttttctaagc agtagacaaa ggtttacact 300
 gacaatagct gtggagatag agaaaagctg cgagatttca gagttttcca aggtgtaaac 360
 aactaaattt tgtgatcaaa atgataaggg ccatctaata agctggggaa tgtgggatct 420
 gtcttggttg agttggtgga ttaactgaga ttaacanagc tggaggaaat gtaaaaagaa 480
 aggaggatt gttcattttg tcttttgttt gttttgggga acagggtcaa aattttcatt 540
 ctgcataagg taggtttagt ctttttcaaa acattctagt aggcaagtct gtagctgaat 600
 cttggaagaa angcaacat agtaatat ttaggttnt actgnttatt ttttcaataa 660
 aaaactcagg ttctcaagtt tancagattc atnggtctta ggaaaggtag ctgttnaacc 720
 aaaatantaa t 731

<210> 3432
 <211> 731
 <212> DNA
 <213> Homo sapiens

gactggtact	ttaggaat	ttaa	atcattgtac	tactaataac	tatttatttt	420
atatttacta	tctactaagt	aattttacatg	tattttcttg	tactgactgt	aaacctttctg	480
ggtgtgggtg	ttttaagtgc	catttttactg	atnaagaaac	tgaggcttaa	atagttgaaa	540
taagtcaccc	tgtagtgag	tgccagaat	gacaagtcag	atctanggtt	tgtctaactn	600
ccaaagatna	tataaaaata	atggatctct	ccttttcct	tatgcataaa	atatggggag	660
cnttttttaa	tcattaccca	tncgattgnc	caaaaaata	cctttnggga	aaactgatta	720
ttantattcc	anaataaatt	tcaacggcct	gcntngnctn	ccttacaact	ttnt	774

<210> 3428

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (740)

<223> n = A,T,C or G

<400> 3428

aaacantttg	ctcttgttct	ttttgcaagg	atcccatcga	ttcggccaac	ttcaattccc	60
tttttagtcat	ctacttccta	ctaacagctg	taactaggat	gagtcaaaat	caattgccta	120
tgctcaccag	atccctgata	aattcccatg	aagccacctg	aaagggtggt	aaagcaagg	180
aaaacgtggt	gaaagcaagg	taaagaagg	agatttcaca	attttgtttt	ttaaaaaggg	240
gaatcttccc	tgaattcttt	gaggtaactaa	gtacgtggtt	taatgcata	tttcattctt	300
gtagcagtt	taaaaataat	gtttcagaga	ctgtattcac	gattgctaaa	aagcattttt	360
tctactaatc	attgttcatg	ggacttaaca	atggaagata	actgggaaag	cagtaaata	420
aggaaaccac	taatagtgtc	tccttcttcc	taccctgacc	ctctcttttg	cttcagaaag	480
tgacgaggaa	aatgtatctt	tcacaaagaa	aagttatacc	acagaangta	ctaaaaagca	540
acaactgcct	ttggggacag	gaaacttaca	gaggggatta	ttatagagg	ataacatacc	600
gagtttctat	ttcaataaga	gggaaattgg	tttatattct	gttcacactt	gtttcaaaac	660
cctctcctct	aaaagcatgt	gtttttttgga	attcaaggaa	tgtaccgttc	tttccccaac	720
ccttaaaactg	gggggtcann					740

<210> 3429

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (743)

<223> n = A,T,C or G

<400> 3429

tcttccattt	naagcccttt	gctacttggt	ccttttgcag	gatcccatcg	attcgaattc	60
ggcacgagag	aggggtgggt	ctggccacat	aggtacctnt	gtggctctgg	tctgggggtta	120
gacactgtta	gggactagca	tttattggac	ttgtaaagac	agcacctcag	aattagtaac	180
tacttgcatt	ttanggtctg	ttttatgaan	ccaacaagt	aatgtaaaat	aggctctgca	240
tcttttctga	gagccctgtc	actgggcagt	gagcatttcc	aaaattgcng	ctctgtcaca	300
atgaaccatt	aatacttaag	aaagggaaag	taggaacang	gagcatagcn	agcataact	360
tgctgtgttc	canggattta	aaaataaatt	actgtcnaga	gcaatataag	ggtcatgggt	420
ttgatcagga	actttttgta	aatgaaaaag	ttcacaactt	ggaaaaaaca	gtgctagatg	480
tgttatggaa	attgttatca	caaattattc	cactgaaact	caagtatnta	anacaacaat	540
atatacgtgt	gaaatnttaa	ttttgacata	tggaaangtn	accnaaaaat	tttgaaccca	600
taccttnttg	gottnaaatt	gcanggtggg	taccnatttt	nttaaaaaatn	annanacctt	660
tnnnnccaaa	aatnacttna	tnctacaaaa	aattttccnc	ggnccatggt	taanaacctt	720

ctacttggtc	tntntgcagg	atcccatcga	ttcgaattcg	gcacgangtc	actctgtcac	60
ccaggctgga	gtgcagtgg	gtgatcatag	ctcactgcag	cctctacctc	ctgacacaag	120
ctgtcatccc	gctttggctt	ctcaaagtgc	taggattata	ggcgtgagcc	accatgccc	180
accagtttct	gcttttatta	aaattgttca	cagttttata	cattcatgtt	cattaaaaat	240
gctattttaga	aaagagtttg	ataaaataaa	tattatacaa	aattcgaaga	aaaaagaaaa	300
gagtttctgt	ttcagtcaca	aattaggggt	attgtgatgt	gtatttatga	tgaccattga	360
acaaatgtga	agaatactgn	gaattctatg	actttatcaa	aatcagccac	atcncaggag	420
cttgacgttg	ttgaccaa	gaatgatgac	atagagtagn	tcagatctat	catgtgctct	480
tctatcta	at	at	at	at	at	540
acccttcttc	atgattntna	aatnttgata	gggtaaactg	ctaagaggtt	tcacaaatgt	600
agcactttta	aaaggaaaaa	tnnnatggan	agtgaataca	acttgccctac	ctataattgt	660
gggtctctaa	tctttctggt	tttaaaaann	aaaantggca	ttgctaggtt	tcnnaancan	720
aaaaannaaa	aacnct					736

<210> 3426

<211> 736

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(736)

<223> n = A,T,C or G

<400> 3426

ctacttggtc	tntntgcagg	atcccatcga	ttcgaattcg	gcacgangtc	actctgtcac	60
ccaggctgga	gtgcagtgg	gtgatcatag	ctcactgcag	cctctacctc	ctgacacaag	120
ctgtcatccc	gctttggctt	ctcaaagtgc	taggattata	ggcgtgagcc	accatgccc	180
accagtttct	gcttttatta	aaattgttca	cagttttata	cattcatgtt	cattaaaaat	240
gctattttaga	aaagagtttg	ataaaataaa	tattatacaa	aattcgaaga	aaaaagaaaa	300
gagtttctgt	ttcagtcaca	aattaggggt	attgtgatgt	gtatttatga	tgaccattga	360
acaaatgtga	agaatactgn	gaattctatg	actttatcaa	aatcagccac	atcncaggag	420
cttgacgttg	ttgaccaa	gaatgatgac	atagagtagn	tcagatctat	catgtgctct	480
tctatcta	at	at	at	at	at	540
acccttcttc	atgattntna	aatnttgata	gggtaaactg	ctaagaggtt	tcacaaatgt	600
agcactttta	aaaggaaaaa	tnnnatggan	agtgaataca	acttgccctac	ctataattgt	660
gggtctctaa	tctttctggt	tttaaaaann	aaaantggca	ttgctaggtt	tcnnaancan	720
aaaaannaaa	aacnct					736

<210> 3427

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 3427

tnntntnntt	nantngaacc	cttttctctt	gtcttttttg	caggatccct	cgattcgaat	60
tcggcacgag	cacaaggaga	agaagttaat	taacattgaa	ngatgagaag	acatcttgga	120
agaacttgaa	ttgggccttg	gaagaagaac	agccattcaa	atagatagaa	ttgtggtagc	180
aaaggcatag	aggtaggaaa	gtatagatct	ccaggggacag	tagtcatggg	gttggggcac	240
tggttgaatt	taaggttgga	aggatatatt	ggagcccctt	gaatacggta	acaaggcaca	300
ccttggggcag	tggagagtta	tcagagtgtt	tgaaaaggag	ggttattgag	taaataaata	360

<221> misc_feature
 <222> (1) ... (774)
 <223> n = A,T,C or G

<400> 3423

ctnntttntt	ttngaancct	tngetcttgt	tcttttttgcg	gatcccatcg	attcgtgaag	60
aggagacggt	gacctgggct	ccttatgtgc	ctgaaagagt	ttgagtttcc	tgtaaactcc	120
aaatcaacag	tattttcaac	aagaaatgtg	caattgaaat	caagtgtgtg	ttaagtgcag	180
ctaggatttc	cacaggaaga	cacttgcagt	gaacagagtt	atggagcagc	aaaaacacag	240
atctatttgg	aaaaagagaa	aacatatgcg	ttgtattttg	cttcaattat	aaaataccat	300
cctctcaaag	gtggttctaa	attacaaagg	actttgattt	ctaggtagat	tctgggtaga	360
gacttccttt	catattgagg	cattaatgac	accttttaac	ctgggaagca	atatgactgg	420
agttgtactt	tgagaagatt	aatcagggtt	ggttgcagaa	tgaaagagaa	gatgaagtca	480
agagattggg	ttagaggctc	tagcagaagc	ttagtcatat	ttcaaaatga	tcaaatatca	540
agaaaaattc	tgagctgcat	aacttgtata	aagtaatttt	cagtgatttt	ttcatgggta	600
tgatnaaaga	actggattta	nccagaaacc	tttacctgga	ttcaagattt	aatttttcc	660
ttgagcctca	tccttaaagg	attttcggga	aaacattaag	gggagccaaa	nccnattggn	720
tggttgggcn	tgccctnnaa	ttgcctttgg	acttttttaa	ccgggctttt	gnnn	774

<210> 3424
 <211> 796
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (796)
 <223> n = A,T,C or G

<400> 3424

gccnccccnn	tttngntctc	aacttgtacc	ctttttgcan	nancncgnnc	tncttgcagg	60
ntcccatoga	ttcgaattcg	ccacgangtt	atattaaatt	attctttgtt	tttctttttc	120
ttttaataaa	gacctgcaag	tactaaattg	tagtttcata	aattctgtag	taaagtatca	180
tcttggcagt	gtgccaaaagg	tgaaaatgat	gctttctcta	acagagaaat	tcttagtgac	240
tccagtcgta	gaaaaacgtc	tttacaacct	gaataagatt	gaagaattgt	gaacatacca	300
tggcctattg	gatgaatcat	ttgccgtagg	ctaaatcaga	ctgtagggtt	tgtgatggat	360
ttatggagta	tgtgggtata	gaaatcatga	atctagcatt	tgttttcaga	gattcaagca	420
tagtcttaag	ggtanatcag	aaatgacaaa	tgaattcaaa	acctagcagg	tgcatgtgna	480
atgtgtgcc	agttntgttt	tggaaatggc	agttccttgg	ggtcatgttt	ctactggcaa	540
aatttgcaat	antgtntctat	tgtntgtaat	ttcaaaattt	ataagattat	cccccgttcg	600
cccaagtaaa	acctgtntctg	cccaatanaa	tcctggantc	gnngagaaat	cgcntccatt	660
cgnngntcaa	ctcgggatnc	ntcgncttaa	naaaatnttn	tcnnggancc	ccntcatnan	720
gaanaacacc	anactattnn	gggnacctgn	aangctcaat	ngcccnggcc	ncnnangncn	780
nttttcengg	naannn					796

<210> 3425
 <211> 736
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (736)
 <223> n = A,T,C or G

<400> 3425

<210> 3421
 <211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (743)
 <223> n = A,T,C or G

<400> 3421

tcttccattt	naagcccttt	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	60
ggcacgagag	agggtggggt	ctggccacat	aggtagctnt	gtggctctgg	tctgggggta	120
gacactgtta	gggactagca	tttattggac	ttgtaaagac	agcacctcag	aattagtaac	180
tacttgcatt	ttanggtctg	ttttatgaan	ccaacaagtg	aatgtaaaat	aggctctgca	240
tctttttctga	gagccctgtc	actgggcagt	gagcatttcc	aaaattgcng	ctctgtcaca	300
atgaaccatg	aataacttaag	aaagggaaag	taggaacang	gagcatagcn	aagcataact	360
tgctgtgttc	canggattta	aaaataaatt	actgtcnaga	gcaatataag	ggcatgagg	420
ttgatcagga	acttttttga	aatgaaaaag	ttcacaactt	ggaaaaaaca	gtgctagatg	480
tgttatggaa	attgttatca	caaattattc	cactgaaact	caagtatnta	anacaacaat	540
atatcgctgt	gaaatnttaa	ttttgacata	tggaaangtn	accnaaaaat	tttgaaccca	600
taccttnttg	gcttnaaatt	gcanggtggg	taccnattt	nttaaaaatn	annanacctt	660
tnnnnccaaa	aatnacttna	tnctacaaaa	aattttccnc	ggnccatggt	taanaacctt	720
gnnncctttt	ttnaaacctt	tac				743

<210> 3422
 <211> 738
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (738)
 <223> n = A,T,C or G

<400> 3422

tcttcgtttt	natncttgga	aatttgnana	tngetaggct	actngntctt	tttgcaggna	60
tcccatcgat	tcgaattcgg	cacgagcctt	ccacggttat	ttcacagata	tggagagctg	120
gaagcagggg	gtgagtctct	gagtgttgga	attgtaaggg	atcagaagca	gggatcagaa	180
gcagtgggtg	agttcatcca	ccataaaaaca	cacaggtgac	tttgccttga	atctgcagga	240
ctgaagccaa	ctcttgggca	cagaccctta	gtcccttcct	tggccactct	aagtcagata	300
gtccagagcc	aggccctttg	ggatgtgaca	ccgagataaa	tcataaaaaa	gctgtgaagc	360
ttgggggaaca	gagggacttt	tgggtgaagta	ggtggctctg	agtttctatc	ttcttgggaa	420
aagcaagctg	gaaaagtga	cagtgggttg	taggccatag	tgctcccagc	tgggtgacat	480
aatgaccaca	cagcacagtg	atgttattag	caactgtgtg	gnggantant	tgtgggctgg	540
acaaatcaat	cgtgtggaaa	ttgttaggag	tnntattaca	ttaaacttgt	taacctaaaa	600
taccatnnaa	aaatanaatc	ngnnntaaaa	cnancntata	nggatgtnan	aanaactcga	660
gcttctaaaa	ctntagnnga	gcctttgtta	cgtanatecn	ngacatgnnt	aagatacatt	720
ggttagtttt	ggacaant					738

<210> 3423
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>

tgagagccct	gtcactgggc	agtgagcatt	tccaaaattg	cagctctgtc	anaatgaacc	300
atgaatactt	aagaaaggga	aagtaggaac	agggagcaga	gcaaagcata	acttgctgtg	360
ttccagggat	ttaaaaataa	attactgtca	agagcaatat	aagggtcatg	ggtttgatca	420
ggaacttttt	gtaaatgaaa	aagttcacaa	tttggaaaaa	acagtgctag	atgtgttatg	480
gaaattgtta	tcacaaatta	ttccactgaa	actcaagtat	ataagacaac	aatatattgc	540
tgtgaaatct	taattttgac	atatggaagg	gtaccaaaaa	taagaaccat	cctttttgct	600
tgaantgcac	ggtggtacca	atttctaaaa	tangaaacat	tangcaaaaa	aaanattnnc	660
ttttnnctt	naaantanaa	aaanctngnn	ccttttaaac	tttngngg		708

<210> 3419

<211> 708

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(708)

<223> n = A,T,C or G

<400> 3419

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gagaggggtg	ggtctggcca	cataggtacc	tctgtggctc	tgggtctggg	ttagacactg	120
ttagggaacta	gcatttattg	gacttgtaaa	gacagcacct	cagaattagt	aactacttgc	180
attttaggggt	ctgtttttatg	aagccaacaa	gtgaatgtaa	aataggctct	gcacttttct	240
tgagagccct	gtcactgggc	agtgagcatt	tccaaaattg	cagctctgtc	anaatgaacc	300
atgaatactt	aagaaaggga	aagtaggaac	agggagcaga	gcaaagcata	acttgctgtg	360
ttccagggat	ttaaaaataa	attactgtca	agagcaatat	aagggtcatg	ggtttgatca	420
ggaacttttt	gtaaatgaaa	aagttcacaa	tttggaaaaa	acagtgctag	atgtgttatg	480
gaaattgtta	tcacaaatta	ttccactgaa	actcaagtat	ataagacaac	aatatattgc	540
tgtgaaatct	taattttgac	atatggaagg	gtaccaaaaa	taagaaccat	cctttttgct	600
tgaantgcac	ggtggtacca	atttctaaaa	tangaaacat	tangcaaaaa	aaanattnnc	660
ttttnnctt	naaantanaa	aaanctngnn	ccttttaaac	tttngngg		708

<210> 3420

<211> 717

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(717)

<223> n = A,T,C or G

<400> 3420

tntcattcaa	gtncatange	tggtcttttt	gcaggatccc	tcgattcgaa	ttcggcacga	60
gactgctcct	tcattcccaa	gaagaaaaga	caagtactgc	tacttccaaa	actcagacac	120
gacttgaagg	tgaagtgact	cctaattcct	tgtcaaccag	ctacaagaca	gtgtcattgc	180
cattaagctc	tccaaacata	aagctgaatc	tcactagccc	taaaaggggt	cagaaaagag	240
aagaanggtg	gaaagaagtt	gtacgaaggt	caaagaaatt	gtctgttcca	gcctcagtgg	300
tgtcgaggat	aatgggaaga	ggaggatgca	acatcactgc	aatacaggat	gttactgggtg	360
cccattatga	tgtggataaa	canaaagata	agaatggcga	gagaatgatc	acaataaggg	420
gtggcacaga	atcaacanga	tatgcagctc	aactaatcaa	tgcactcatt	caagatcctg	480
ctaaggaact	ggaagacttg	attcctaaaa	atcatatcan	aacacctgcc	ancnccaaat	540
caattcatgc	taactttctca	tctggagtag	gtaccacagc	agcttccagt	aaaaatgcat	600
ttcctttggg	tgctccaact	cttgtnaact	cacangcaac	aaccgttatc	tacgttccca	660
ntccgcta	aaacttaata	agaatgttct	tagaaaaaaa	atntnaaaan	ctcgact	717

<222> (1)...(717)

<223> n = A,T,C or G

<400> 3416

tntcattcaa	gtncctaangc	tggtcttttt	gcaggatccc	togattcgaa	ttcggcacga	60
gactgctect	tcattcccaa	gaagaaaaga	caagtactgc	tacttccaaa	actcagacac	120
gacttgaagg	tgaagtgact	cctaattcct	tgtcaaccag	ctacaagaca	gtgtcattgc	180
cattaagctc	tccaaacata	aagctgaatc	tcactagccc	taaaaggggt	cagaaaagag	240
aagaanggtg	gaaagaagtt	gtacgaaggt	caaagaaatt	gtctgttcca	gcctcagtgg	300
tgctgaggat	aatgggaaga	ggaggatgca	acatcactgc	aatacaggat	gttactggtg	360
cccatattga	tgtggataaa	canaaagata	agaatggcga	gagaaatgatc	acaataaggg	420
gtggcacaga	atcaacanga	tatgcagctc	aactaatcaa	tgcactcatt	caagatcctg	480
ctaaggaact	ggaagacttg	attcctaaaa	atcatatcan	aacacctgcc	ancnccaaat	540
caattcatgc	taactttctca	tctggagtag	gtaccacagc	agcttccagt	aaaaatgcat	600
ttcctttggg	tgctccaaact	cttgtnactt	cacangcaac	aaccgttatc	tacgttccca	660
ntccgctaata	aaacttaata	agaatgttct	tagaaaaaaa	atntnaaaan	ctcgact	717

<210> 3417

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 3417

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aattcggcac	gagcctgttt	ccaggagata	tgtgtgncca	tcagcagtga	taaaantctt	120
gggcaggagt	tattgcactg	tttgtatgat	cnanaccac	ctnctctgct	ggaaacaagc	180
agcgtgantt	gntcacttgc	ctttcnnagn	cnetattggc	cagntgcttg	nangngaagc	240
gatccacaga	acctcacagc	tatttatgat	ancatctgct	nnattatntc	aagttcancn	300
tgtnnnnacn	tgctgntnna	ggtaannngn	gtntntntca	agntntttgc	aangngatga	360
caaactaatg	tttgaatnng	tcatgataan	ggggcntctn	atactctgga	ncatcnccaa	420
nctgantnng	aagagctgcc	ngnntatctg	ntagtgnctt	gctncttgaa	attnccaaac	480
anntgcctng	ntggaaattc	atnatggctg	gatgtttang	ngnacatttt	ncaantnctt	540
antnnncang	atgatggaat	tcnnncnatc	naacatnctn	tncgctngnt	anactnnna	600
ttactnnann	gnctntnntg	cnatnatnng	ncnctctgtg	atcatccatc	atnatctang	660
cntcaagtnn	ctaactnngn	ttngaagttg	tngcaccann	ttnt		704

<210> 3418

<211> 708

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(708)

<223> n = A,T,C or G

<400> 3418

tntncttnaa	atcatngetc	ttgttctttt	gcaggatccc	togattcgaa	ttcggcacga	60
gagaggggtg	ggtctggcca	cataggtagc	tctgtggctc	tggtctgggg	ttagacactg	120
ttagggacta	gcatttattg	gacttgtaaa	gacagcacct	cagaattagt	aactacttgc	180
attttagggg	ctgttttatg	aagccaacaa	gtgaatgtaa	aataggctct	gcactttttc	240

<210> 3414
<211> 716
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(716)
<223> n = A,T,C or G

<400> 3414
tntcnttcaa atngcttggc tctcgttctt tctgcaggat ccttcgattc ggaaatatag 60
agagatgtgg gatttgaatg cccatgaaag acattttatt ttacttgaat atattcttgc 120
ttcactttac cctccataat atgttgtaga ttagtgctga tcaagtttac agagttacat 180
tttgctttcc taaccattca gtcaggaatt aaaatatggc attgtataac aactgggaag 240
aagctcatag tggatataaa ttagagtaga taatgggtca ccttgatagc ctctgtttac 300
attacttgta tatgggcaaa ataattatta cctatacgtg tatttaagct taattttcat 360
ataaacagta tttttaatct atgttaaaat agataatatc taaaagtgtg atctctaggt 420
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gagttcgaga tcagcctgnc caacatgggtg aaaccctgtc tcaactaana atataaaaaat 600
tagcccgggc cgtggtggca ggcgctgtga atcccagcta ctggggaggc tgangcagga 660
gaatcacttg aaccceaagg gcagaanctg canttaagcc aagatcgcat cattgn 716

<210> 3415
<211> 774
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(774)
<223> n = A,T,C or G

<400> 3415
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gtacgcgctg ccaggcatct gcctccgagg agtcattaaa ctcccacagt ggtcacccca 180
ctgctgatgt acagactttc caggcaaagc gccatattca tcaacaccgt cagtcttact 240
gtaattataa cactggaggt cagtttagagg gcaatgcagc cacttcctat cagaagcaga 300
ctgacaaaacc cagccactgt agccagtttg tgacacctcc gcggatgagg agacagttct 360
cagcacccaa tctcaaagct ggtcgagaaa ccacagnta aatcagttac tggacaaaact 420
tgaaatcatg gtggaagaaa cagacagtgt tagctcatga tttgatttgg ttctaccttt 480
ggccttgagt tcttattatt tacattataa atattaactg gttttatatt gttaagacaa 540
aacactggta aaagtttcaa cacctccctt ttgcttgat accataaatg ggcagtttct 600
gaaatttttg ataaagcatc aagaactcct ttttctgaaa cgttcctcct tttttagtgc 660
ctaattaata tacttactta cacggaannn annnnnnnnn nnnnnnnnnn nnnnnnnnnn 720
nnnnnaaac tcgnnccttt aaaactatag gngtgcgtt acctaaatcc aann 774

<210> 3416
<211> 717
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

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aanctgtcct ggggggctggg gcgacagata gcacataagc tgtttntggg gctgcanggg 660
ctncttgact ggatgttggtg ggtgttgccn gcttnagaat gtggcnacaa aaagcgtana 720
ccggggccag gtntgccgcc tgagctggct cccnaagntg ggttgntcan cgttattt 778

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<210> 3412
<211> 869
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(869)
<223> n = A,T,C or G

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<400> 3412
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ggacctaggc acacacatat ggtggccaca cccaggaggg tagtggnag ttagatttna 120
gagtcaggc cctaggttg gacccactcc aaataatctc ctcggtgtgg gtgggtggttn 180
tatanangga taaatgaata ataaacattn ntaaaatata cgctattcct tgntggaaat 240
gcctgctgca ccccgcttc cantgacntn ccgaangngg ntatnnggtg gtcantggaa 300
tnacagtcaa tccanangtn anccngcngg gntgcatcaa gctgncctcg cacctgggnt 360
nnncaccctc tggcccacac tggtnatgat gccacacctt nccatgttca cncgtgttg 420
aaaaanncct tttnttttcc tcttttaaag agaaaacatt ganaaagatt ttttttttta 480
atgggcccgc ccnaaaagg agatctnccc ncccttgat atnatantnn tgacctncc 540
tacnaagang gcgttttttg caaaatnatt ntttntttt tcnngnggtg gtgggggaaa 600
aatttttcct gggggggggc ttngnngccn aactnttaat tttcccat aaggcaannt 660
ttctttgggg gnctttcccc nggggcttaa ncnttaaact ttggaatttt tntnggggtt 720
ggttngnccn taaattttta nnaaaatggt ngtcnaaccc aaaaaaaat ntnacccccg 780
ggggccnaan anttttttnc ccccttgga ngecttttan tttccccac aaactttttt 840
ttttccctt ccaaccnctt ttattcttt 869

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<210> 3413
<211> 807
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(807)
<223> n = A,T,C or G

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<400> 3413
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ggmctgacc gcctccacta gagggnggtg gccgcgggcc gacctggacc ttnannccnt 180
gtccngacct nccggtgggt ggggtgcgccn gggagccngc nacattcctt nttcttganc 240
agccaaanat tggagtnca ttcnncnang nacntttnt tttttnngat cangagtgtg 300
tncaacgtac nccctgcct nngnaagccc tgantcctn atggagcctc nnagagtggg 360
gagcatattg ggggtgggta atgcactnca nccaagnnga atgnacacaa nggntcgctc 420
naangnnntg nggncnccct nacccttac caccatgtgn ngntngnctc tgtggttgaa 480
catcnactn gtncgcaaan gganactnac tntaaaacc tttgnacnan ggtgcnaaac 540
cacagntgtg nctgncnca nctanccatc naaagaatna caaaaccnnc tnaggggcng 600
ngggcnancn ntcncccttg tcnegncctg tnttgantg gcctttcggc ttaaacagtg 660
aggctcanaa nggncncaac ctggggtgnt aataaaaaga acnaattaag anactnttcc 720
ctccnacccc ctttcccttg tngccagggg gcancaaact ngattnttga agcccaanat 780
aaaaaaaaagg cttnatatcn nggaaaa 807

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gcctccagca	ncagggcgtg	cangcagaaa	atataactgt	gacaaaggat	tttaggagag	420
tggaaaatgc	ttatcacatg	gaagcagagg	tctgcattac	atttacttga	atttggaaaa	480
atgcaaaata	tttgtaactt	tntttgttga	aaagctaaga	tagctnttgt	tgtcatcagc	540
ccaccccagt	tcttatcata	ctccaggggt	ctgggtgana	atcttcgacg	gcaagcctgt	600
cttggtgctg	ttgagaatgc	gttggcgcaa	actcaaagaa	gtcttgtnaa	ccttggtggg	660
ccaaacctta	ngaaaacctt	ttacttaatt	cnaaggaaga	agnaaacaca	aggaattggg	720
gaagggccaa	atagatgatt	naccnagttc	nttcagact	tcttcaagtt	caattaactt	780
gtncnaccaa	aaaaatcaaa	agtggcaacn	aatncattgc	ttn		823

<210> 3410

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(795)

<223> n = A,T,C or G

<400> 3410

catncngttt	cnagccnttt	tganatacat	tcagctactt	gttctttttg	caggatccca	60
tcgattcgat	ttgactaaat	cattgtttca	caactgaata	gtcttgttct	tttagtagca	120
atgaaatcct	aagctcttga	ggccattcac	ctgccaacct	gaccatactg	ctttcaaaag	180
tctttttctca	tcagtagaat	ctattttggg	cacttctagt	caatgaaaaa	tgtaaaacttt	240
taggagagaa	tgtttcttag	gactcaccca	ctccattcaa	tgttacatta	aaatagtgtg	300
atcaatcaca	atgtccatct	ttagacagtt	ggttaaataa	attatctggg	ctttgaaaag	360
accgtgctgg	gcgcgggtgg	tcttgccctgt	aatcccagca	ctttggggagg	ctgagggcggg	420
cagatcacct	gagatcggga	gtttgagacc	aagcctgacc	aatatggaga	aaccctgtct	480
ctactaagaa	tacaaaatta	gctggggcatg	gtggtgcatg	cctgtaatcc	cactacttgg	540
gaggccgagg	caggagaatt	gcttgaaccc	gggaggcana	ggttgacagt	aggtgagata	600
gcgccattgc	actccaacct	gggcaacaag	agcaaaaactc	tgtctcaaaa	aaaaaaaaaaa	660
aaaaaaaaaac	tcgagcctnt	aaaactatag	tgaggcgtat	taccgtagaa	tccagacatg	720
ataagataca	ttgatgaagt	ttggacaaaac	ccccacctng	gaatgcngng	naaaaaaatgc	780
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<210> 3411

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 3411

gnnnnnnnntt	taaantccat	acagtttcaa	gncntttttg	aaatncattc	agctacttgn	60
tcttttttgca	ggatcccac	gattcgaatt	cggcacgaga	gtccacatta	aaaagaaaaac	120
aaaacaaacc	ctaactaact	tccaaatggg	tctcctgggtg	cgggggcgtg	agtggccgtg	180
ccctgggtgt	gctgcctgtc	tgagcaagct	tccctagctg	tggaaccccg	ggccccctgc	240
tgccgggtct	gccttgggtg	catgcctgct	gcacccccgt	ttccactgac	gtgcctgtctg	300
tggtctatggg	gtggctactg	gaatgacggt	cactccagac	gtcagccggc	agggatgcan	360
caggttgccc	gcgcaccggg	gctcgggcac	cctctggccc	cacactggca	atgatgccac	420
accttgccat	gtccacgctg	ttggtcaaac	ccctctgtca	tgccctctta	aagagaaaag	480
aagagaaaaga	tttttttttt	taatggcana	ccgaaatgga	gatctttag	cctanatagg	540
atagtctgac	cttctancat	agtctttttg	gcaaatgatt	tgtgttttca	gtgtgtgggg	600

acatgagtga	aatgaccagc	gaactcattt	tttataggac	tcggtgaagc	cggattctgc	180
atttccctac	ttgtagactc	atthttgtgga	atagagttga	tcgctgtctc	ctccgcaaag	240
catttttaact	cgaataagca	aatgccgcct	ctgtttgaac	gttttggtat	ttacaagaga	300
gaatcatttt	acctaagaga	actaattgaa	ttggcagcat	ccttgaaata	cctccggaca	360
aggatctggg	ggtgggggtg	gaaaagcaac	tgcgaaatag	cagacggaga	aattcctttg	420
gaagtatttc	cgtagcataa	gagctgaaac	ttcagagcaa	gttttcattg	ggcaaaatgg	480
gggaacaacc	tatcttcagc	actcgagctc	atgtcttcca	aattgaccca	aacacaaaga	540
agaactgggt	acccaccagc	aagcatgcag	ttactgtgtc	ttattttctat	gacagcacia	600
gaaatgtgta	taggataatc	agtttagatg	gctcaaaggc	aataataaat	agtaccatca	660
ccccaaacat	gacatttact	aaaacatctc	anaagttttg	gccagtgggc	tgatagcccc	720
ggcnaacacc	cgtttatgga	ttgggattct	tctctgagca	tcattcttcg	aaanttgag	780
aaaagtttca	gggaatttaa	agaagctg				808

<210> 3408

<211> 803

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (803)

<223> n = A,T,C or G

<400> 3408

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ctcgttcgca	attcagagac	acacataaga	aactggaaga	agagaaaggc	aaaaaggaaa	120
aagaaagaca	ggaaattgag	aaagaacgga	gagaaagaga	gagggagcgt	gaaagggaac	180
gagaaaggcg	agaacgggaa	cgagaaaggg	aaagagaacg	tgaacgagaa	aaggagaaag	240
aacgggagcg	ggaacgagaa	cgggataggg	accgtgaccg	gacaaaagaa	gagaccgaga	300
tcgggatcga	gagagagatc	gtgaccggga	tagagaaagg	agctcagatc	gtaataagga	360
tcgcagtcga	tcaagagaaa	aaagcagaga	tcgtgaaagg	gaacgagagc	gggaaagaga	420
gagagagaga	gaaccgagag	cgagaacgag	aacgggagcc	gagagagaga	gagagagagg	480
gaaccgggag	cgagaaagag	aaaaagacaa	aaaacgggac	ccgagaagaa	gatgaagaag	540
atgcatacga	accgaaaaaa	aaaaaaaaaa	aactcgagcc	tnnttaactat	agtgaagcgt	600
attacgtaga	tccagacatg	ataagataca	ttgntgagtt	tggacaaccc	ccacttgaat	660
gcagtgaaaa	aaatgctttt	tttgtgaaat	tttgngatgc	tnnttgcctt	tttgttaacca	720
tttttagctt	gcaataaaca	agtttnccac	caaccanttg	cnttcatttt	ntnttttcan	780
gttcaagggg	aagttttttg	aag				803

<210> 3409

<211> 823

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (823)

<223> n = A,T,C or G

<400> 3409

tttatataca	tcagttcttg	ccnttttgnt	ngactanagc	tcttgntttt	atgcaggacc	60
ctcgattcga	nttctgnncg	agtctctctn	tctctctctg	tgtctctcgg	aactgggtcc	120
ctgggctgac	cggagccggg	agaacaacct	ggcctcaggg	agagagacgc	taccgggctt	180
acgccacccc	ctctnetcaa	cacaagccca	aactgctacc	cgcgaggtgc	aagtaagcgg	240
cacctcagaa	gtgtctgcgg	gccctgaccg	ggcgcaggtg	gtggtgcagt	gagcagcacc	300
aaggaggcgg	cagccgagcc	aaaaagagcg	tttgtcgccg	tctagattac	atcacgcaga	360

<223> n = A,T,C or G

<400> 3405

nnnnnnnnntt	taaatnccat	tnntttctnn	nnnttttnat	ntanatacan	ctacttggtc	60
tttttgcagg	atcccatcga	ttcgaattcg	gcagaagatt	aaaccggttt	ctgtggggcac	120
ctctgtcctt	gctgctggtg	gggaagggaa	gccagatcca	gcacccctg	gggggccatc	180
gggagtggtg	ctgggggtga	agggggctct	gtggcaatat	ggggttggtg	agtgtgggtg	240
gcaggccatc	ccctctaate	ttggaacctc	tgaatatggg	acctcccaca	gcaaagggtg	300
actttgtcat	taanaaagac	tgggggtggg	gtgggtggctc	acgcctgtaa	ccccagcact	360
ttgggaggcc	aaggtgggca	gatcacgagg	tcaagagatc	ganaccatcc	tgncgaacat	420
ggtgaaacct	catctctact	aaaaatacaa	aaaattagcc	gggtgtgggtg	gtggggcacct	480
gtcgtgccac	tctaaggagg	ctgangcacg	anaatggtgt	gaacccatga	ggcacanctt	540
gcantgagcg	aanatcgcac	cactgnacgc	actncaacct	gggtgacaga	gcgagactcc	600
gtctcaaaaa	aaaaaaaaatt	tcaagactgg	agaggtnatc	ctgaattgtc	cagctacncc	660
ccatgtnatc	acagggcctt	catgacaggg	ncagagccac	canctttgaa	ganncngtcc	720
tncccccnaa	cangcagnct	gganaaactt	ggncangaca	agtaggacat	tcctggagcc	780
tcanaaangg	actgggcttt	tnc				803

<210> 3406

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 3406

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agctctccag	ggggcttctg	ccctgactgg	gaaggggtgc	tggctcccta	aaacaatgtc	180
aaagccagtc	ctgctgttct	ctgttgccag	ggggcaggtc	tgggcctggg	ccaaccacgt	240
ttgttatcat	ggctgtgccc	ttctggacag	ctgcccagctc	tgccttgaga	ggttgtggga	300
cctctggatc	cagctgacct	gacaggatcat	ctactcaggg	aggagccctg	tgctcccagc	360
tcagaggaca	gtctgggcca	gaactggaag	gagacatctg	tcccgtcttt	gagtgacaag	420
ccccgggaaa	cagccagtgg	gcatacggc	tctccagcac	tccttagccg	gaggatacac	480
agtgatgggt	gcatactgac	caatgcgaca	accaacacgt	gctctcacia	accctgact	540
cccgactttt	ccagtgccaa	agtcaaacgc	tgcttgagata	aggagagcaa	agcttctgga	600
actttattta	ctctntcttt	ttaattntct	tttaagagac	tgggtcttgc	tatgttgccc	660
aggctggtct	tgaactcctg	gcctcaagtg	atcctccagt	ttccatctcc	ctaagactgg	720
gattacaggt	gtgagcccgc	tgtacccgaa	cttttttttg	tttttgcttc	ncg	773

<210> 3407

<211> 808

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(808)

<223> n = A,T,C or G

<400> 3407

gnnnnnnnnt	ttatttacat	tcagntatng	nnnttttngt	ntaaatacan	ctcttggtct	60
ttttgcaggg	acccatcgat	tcgaattcgg	cacgagggtc	ctccctgagt	gtcgaggagg	120

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(778)
<223> n = A,T,C or G

<400> 3403

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cgaattcggc	acgaggggaa	ccccaccatt	aagctaaagt	aaaacccttt	tgaggggaaga	120
gggagactgg	ggagaaggga	aaagagagaa	ggcagggaga	gtagggagag	aaaacccttc	180
agcagcccag	taaactgcgg	gcgaagagat	ctacccgtct	ccctccctcc	cacagttacc	240
attggccttg	tcatcgcaag	catttgacaa	agacttgctt	gcttgggcct	gtcacctcct	300
gaaaggctgc	tttagctgtg	gatgcccttg	attaagggag	agagcgccta	ggagctgcct	360
gccccagctg	gggtgacggc	tgtagggctg	ggtctatgtt	gcaagcccta	tatcctagca	420
tgcaagtggaa	agtgccttagc	tctctccctc	ctgacctctg	ggcagccagt	catcaaagca	480
gagagacgtg	gcggcatgtg	ggcagcatgc	ccaggttcct	tgctgactca	gcacttattt	540
ctgtagtttt	aaaaaagaat	ttaatgtttt	tggttgattt	tttttggggg	ggtgaggggtg	600
ggcaaaaaca	tgggggtagt	tctgagtttg	ttagaaatgt	ttctgaatca	agtttgtttg	660
aaacacgtgt	gcctttgtac	ccattataag	atggtcataa	gaccaagac	tgataagctt	720
tggttttttt	tgtttggttt	ggttttgctt	catttaccca	ttcatgccta	gggttcen	778

<210> 3404
<211> 779
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(779)
<223> n = A,T,C or G

<400> 3404

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attgccgcog	tggacacaga	ctccccccga	gaggtctttt	tccgagtggc	agctgacatg	180
ttttctgacg	gcaacttcaa	ctggggcccg	gttgctgccc	ttttctactt	tgccagcaaa	240
ctggtgctca	aggccctgtg	caccaagggtg	ccggaactga	tcagaaccat	catgggctgg	300
acattggact	tcctccggga	gcggctgttg	ggctggatcc	aagaccaggg	tggttgggac	360
ggcctcctct	cctacttttg	gacgcccacg	tggcagaccg	tgaccatctt	tgtggcggga	420
gtgctcaccg	cctcaactac	catctggaag	aagatgggct	gaggccccca	gctgccttgg	480
actgtgtttt	tcctccataa	attatggcat	ttttctggga	ggggtgggga	ttgggggaca	540
tgggcatttt	tcttactttt	gtaattattg	gggggtgtgg	ggaagagtgg	tcttgagggg	600
gtaataaacc	ttcttcggga	cacaaaanaa	aaaaaaaaaa	aactcgagcc	tntagaacta	660
tagtgagtcc	gtattacgta	gatccagaca	ttgataaaga	tacattgatg	agtttggaca	720
aaccacaact	tgaatgcant	ngaaaaaaat	gctttaattt	gggaaatttg	gngaagcnn	779

<210> 3405
<211> 803
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(803)

taanatgcac	ttggcatgtn	ctttgtttnt	tggaggatat	ncatnctgaa	ggtttagggg	720
ctgccaaana	atttactgct	gaccanttgg	gattgcagtc	cctggagatt	catgaggctt	780

<210> 3401

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3401

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ganttcggca	cgaggtgagg	ctctcttaan	aaatttaaaa	atactgnnga	acaaagggag	120
gagtttgtct	taatctggag	tggaggaaac	ttctgngtca	ccnaacacag	aaaccatcaa	180
agaaaatctt	tcactttcna	aattagtcta	tacaaaaaaa	aangaaaatc	ttaccccaaa	240
tnanagactg	aggcatgagc	ttcaatcaat	cgangtttac	tggccnagat	tngagcntgc	300
ccagnaaagc	aacacaagtc	aaagaaacgt	ctgtggcctg	tgtctcccca	aaaagttttc	360
aggaggctca	anatttgtac	atttctttta	anggganaag	acagtgaggc	anatggttat	420
gtttttgtga	gactcttant	tagtgtcccn	tgaatctaaa	ctntntggaa	nataggggtga	480
acactgnaag	ancagggagt	gacataanaa	ccaattatgc	nacacgtctc	atgttacgtg	540
gaggaatgan	gntctcatct	tatccttggt	ctgcccctgn	gcagataaac	ttgttattga	600
cattgtcagt	ntgaaattta	acagactttt	gttttangag	ttaagtttan	ggtgcacacc	660
taanatgcac	ttggcatgtn	ctttgtttnt	tggaggatat	ncatnctgaa	ggtttagggg	720
ctgccaaana	atttactgct	gaccanttgg	gattgcagtc	cctggagatt	catgaggctt	780

<210> 3402

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3402

gnnttnnnnc	nntttttaatn	tacatacanc	tacttgttct	ttttgcaggg	atcccatcga	60
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gagggagact	ggggagaagg	gaaaagagag	aaggcagggg	gagtagggag	agaaaacctt	180
ccagcagccc	agtaaactgc	gggcgaagag	atctaccctg	ctccctccct	cccacagtta	240
ccattggcct	tgtcatcgca	agcatttgac	aaagacttgc	ttgtttgggc	ctgtcacctc	300
ctgaaaggct	gcttttagctg	tggatgccct	tgattaaggg	agagagcgcc	taggagctgc	360
ctgccccanc	tggggtgacg	gctgtagggc	tgggtctatg	ttgcaagccc	tatatcctan	420
catgcagtgg	aaagtgccta	gctctctccc	tcctgacctc	tgggcagcca	gtcatcaaag	480
cagagagacg	tggcggcatg	tgggcagcat	gcccaggttc	cttgcctgact	cagcacttat	540
ttctgtagtt	ttaaaaaaga	atttaaatgtt	tttggttgta	tttttttggg	ggggtgaggg	600
tgggcacaaa	catgggggta	gttctgagtt	gttagaaatg	tttctgaatc	aagtttgttt	660
gaaaacacgt	tgtgcctttg	tacccattat	aagatgggtca	taanacccaa	gaactgataa	720
gctttggggt	tttttttggtt	tgggttggtt	ttttgcttca	ttttacccat	tcatgcctag	780
ggtttccat						789

<210> 3403

<211> 778

cgagaaaccc	agtataaatc	agttctggac	aaacttgaaa	tcattggtgga	agaaacagac	420
agtggttagct	catgatttga	tttgggttcta	cctttggcct	tgagttctta	ttattttacat	480
tataaatatt	aactggtttt	atattgntaa	gacaaaacac	tggtaaaagt	ttcaacacct	540
cccttttgct	tgtataccat	aaatgggcag	nttctgaaat	tttgataaaa	gcatacaagaa	600
ctcctttttc	tgaacgttc	ctnctttttt	agtcctaat	taatatactt	acttaccng	660
gannnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	aaaaactcgg	ccttttaaatt	720
ataggggggn	gnnttacnna	aatccaann				749

<210> 3399

<211> 810

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(810)

<223> n = A,T,C or G

<400> 3399

canctcttgt	ctttttgcgg	accctcggtc	gaattcggcc	gagtaagaat	ccccccccc	60
tcaattttca	ggaatgggat	ggtctagtaa	ggataacctt	tgtaggaaa	aacaagacac	120
tctctgctgc	atttaaatac	agtgcagtgc	aacaactctt	ggaaaaaac	tacagaattc	180
actgttcagt	ccataatatt	ataataccag	aagatttcag	catagcagat	aaaatacagc	240
aaatcctaac	cagcacaggt	tttagtgaca	acgggcccg	tccatggaca	tagatgactt	300
catcagattg	ctacatggat	tcaacgcaga	aggtattcat	ttttcctagg	tatttgga	360
acagaaattt	tcaagggtcaa	gaaaagaaat	gaattttgt	ttttttgtat	ttgagaagat	420
aatgcttttg	ctttactgag	acattattta	cttgactatt	tttgggtcaat	actactactg	480
ntgncaccat	ttatgattct	gaatttaaa	gtggaaagg	ctaagtatca	aagggtttta	540
tatataatgc	tggncacaac	tattcataat	aatcttcaag	gtcaggagcc	cgcagagacn	600
cncaactttc	cacttatcat	ttctaacagt	ttattgnata	aaggatggta	cctcttttcta	660
ttttaccngg	naatatacct	ggaaagggcc	ttcttttang	gnccttttaa	cctctgggtt	720
ccctcccggt	naattaaaaa	aaggtttaaa	attnttgaaa	aaaaaaaaa	aaaaaaaaa	780
cctcgggggg	ccttttaaaa	actttttggg				810

<210> 3400

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3400

gnnttnannc	cnttttnatn	cnctnncage	tcttgttctt	tntgcaggat	ccctcgattc	60
ganttcggca	cgaggtgagg	ctctcttaan	aaatttaaaa	atactgnnga	acaaaggag	120
gagtttgtct	taatctggag	tggaggaaac	ttctgngtca	ccnaacacag	aaaccatcaa	180
agaaaaatctt	tcactttcna	aattagtcta	tacaaaaaaa	aangaaaatc	ttaccccaaa	240
tnanagactg	aggcatgagc	ttcaatcaat	cgangtttac	tggccnnagt	tngagcntgc	300
ccagnaaagc	aacacaagtc	aaagaaacgt	ctgtggcctg	tgtctcccca	aaaagttttc	360
aggaggctca	anatttgtac	atttctttta	anggganaag	acagtgaggc	anatgggttat	420
gtttttgtga	gactcttant	tagtgcccn	tgaatctaaa	ctntntggaa	natagggtga	480
acactgnaag	ancaggagg	gacataanaa	ccaattatgc	nacacgtctc	atgttacgtg	540
gaggaatgan	gntctcatct	tatccttggt	ctgcccctgn	gcagataaac	ttgttattga	600
cattgtcagt	ntgaaattta	acagactttt	gttttangag	ttaagtttan	ggtgcacacc	660


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ttatcttcta ataccnacc nennatntna ccatctaccc tntnctcaac cntccnctn 480
natnctcttn ntccccnncn ncaccctcnc ncntcnantc ctntatannt ttctccccctc 540
nccctcgncn ctngtntcnt tntctactgt tntctntnta nnetctcttc tctnctctc 600
ntnctntct nnancntnt tnnccnctcn gctcnnctc cttnctcttc tatcttcccn 660
tntcncaen ctctcatgca attnnacnnt cncnctnca ncnattngac tcnctctnn 720
atctntctgc atcactnanc nnnnnntnnc ttctctctac cncantctc ttntnnnnnt 780
nnnnnnnnnn cttatnacnn nnnnnntnt nttnnnactc nntntntann nntnnncann 840
nntnnnctc tnnnnntnn ntntnnntnn nnncttnnt nntaccnaa nnnnnnnnn 900
nnncnntna nntnnnatna nttnccatn ctcacntatn nctctcnnn nanannncnc 960
nctccctnnn nnatnctcn cttnacatac tctctatctn nnnnacccnc tacnancanc 1020
tnttntnct nnnnnntana cncctnnnna tntnngctct cnnncnnac nctnttctnn 1080
nantnatctc ttccccngnc naac 1104

```

<210> 3397

<211> 811

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(811)

<223> n = A,T,C or G

<400> 3397

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tttnnnnnntn tnaatccctt ngctaccncc ntttgatnga catacancta cttgttcttt 60
ttgcagggat cccatcgatt cgaattcggc acgaggaatc accctcggct gggaagtcag 120
ttcgnnctct cctctcctct cttnttgntn gaacatgggtg cggactaaag cagacagtgt 180
tccaggcact tacagaaaag tgggtggtgc tcnagcccc agaaagggtgc ttggttcttc 240
cacctctgcc actaattcna catcagtttc atcgaggaaa gctgaaaata aatatgcnn 300
aggaaccccg tttgcgtgcg cccaactccc aagtggcaaa aaggaattgg agaattcttt 360
agggtgtccc cttaaagattc tgaaaaagag aatcatattc ctgaanaggc acgangcagn 420
ggcttaagaa aancaaagag aaaagcatgt cctttgcaac ctgatcacac aaatgatgaa 480
aaagaatata actttctcat tcatntntgn ataacgnctc cttgtttacc ctggtattct 540
agaatgtaaa tttacataaa tgtgtttgtt ccaattagct ttgttgaaca agcattta 600
tnaaaaantt acgtttaaat ttagatgttc aaaaggagnt gngaaatttg agaattngta 660
agactaatta tggnaactta gcttagtatt caatataatg cattggtggg gtttctttta 720
cccaaattaa ggggtctagt tctttgttaa aatcaagnca tttgcatttg tggttctaaa 780
tacaagtatt gttgcntttg agaattgctt a 811

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<210> 3398

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3398

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nntnnnnntn tgaaancctt nggctacttg ttctttttgc aggatcccat cgattcgaat 60
tcggcacgag attctctcaa taatggccag ccgaaaagta cgcgctgcc ggcattctgc 120
tccgaggagt cattaaactc ccacagtggc caccctactg ctgatgtaca gactttccag 180
gcaaagcgcc atattcatca acaccgtcag tcttactgta attataacac tggaggctag 240
ttagagggca atgcagccac ttctatcag aagcagactg acaaaccag cactgtagc 300
cagtttgtga cacctccgag gatgaggaga cagttctcag cacccaatct caaagctggt 360

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<400> 3394

atgntggnc	aatgcttggc	tactngttct	tttngcagga	tcccatcgat	tcgcagcgga	60
tggccgaaaa	tctaggcttc	gttgggcctt	tgaaaagcca	ggctgcagat	caaattacga	120
agctgtataa	tctcttctg	aaaattgatg	ctactcaggt	ggaagtgaat	ccctttgggtg	180
aaactccaga	aggacaagtt	gtctgttttg	atgccaaagt	aaactttgat	gacaacgcag	240
aattccgaca	aaaagacata	tttgctatgg	acgacaaatc	agagaatgag	cccattgaaa	300
atgaagctgc	caaatatgat	ctaaaatata	taggactaga	tgggaacatt	gcctgctttg	360
tgaatggtgc	tgggctcgcc	atggctactt	gtgatatcat	tttccttaat	gggtgggaagc	420
cagccaactt	cttggatcct	ggaggtgggtg	taaaggaagc	tcaagtatat	caagcattca	480
aattgtctac	agctgatcct	aaggttgaag	ccatccttgt	caatatattt	gggtggatcg	540
tcaactgtgc	catcattgcc	aatgggatca	caaagcctg	ccgggagcta	gaactcaagg	600
tgcccctggt	ggtccggctt	gaaggaacca	acgtccaaga	ggcccagaag	atactcaaca	660
acagcggact	ccccattact	tcagccattg	acctggagga	tgcacg		706

<210> 3395

<211> 699

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(699)

<223> n = A,T,C or G

<400> 3395

gnnnctaagt	ctggctattg	ttctttttg	aggatcccat	cgattcgaat	tcggcagcag	60
gcccagctac	gatctatatg	ctgtcatcaa	ccactatgga	ggcatgattg	gtggccacta	120
cactgcctgt	gcacgcctgc	ccaatgatcg	tagcagtcag	cgcagtgacg	tgggctggcg	180
cttggtttgat	gacagcacag	tgacaacggt	agacgagagc	caggttgtga	cgcgttatgc	240
ctatgtactc	ttctaccgcc	ggcggaactc	tcctgtggag	aggcccccca	gggcagggtca	300
ctctgagcac	caccagacc	taggcctgc	agctgaggct	gctgccagcc	agggactagg	360
ccctggccag	gcccccgagg	tggccccac	gcggacagcc	cctgaacgct	tcgccccccc	420
tgtggatcgg	ccagccccca	cctacagcaa	catggaggag	gtggattagc	aggtccctgg	480
ctgatggggg	ggactggggt	tgggacaccc	acacagaggg	ccagctcctt	gccgcttctc	540
cttctctaac	ccagaggaca	ctggctctgt	cagtgggaag	ctgaggggta	tgatttgggt	600
gtggagacct	ctcaggttgg	gacttcttgt	cagcttggac	ccctgaccag	tgggctttgg	660
cttctccagc	cgccttcagt	gctgcgtgat	ttgattctg			699

<210> 3396

<211> 1104

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1104)

<223> n = A,T,C or G

<400> 3396

tttcaacgct	ggctactngt	tctttttgca	ggatcccatc	gattcgaatt	cggcagcagg	60
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attcacctgg	ctgtcaactt	cttgggtgtca	ttgtcaaga	aaaactggca	gaatgtccgg	180
gccttatata	tcaagagcac	catgggcaag	ccccagcgcc	tatattaagg	cacatttgaa	240
taaattctat	taccagttaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	300
aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaanann	naanaataan	cntantncnn	360
nnanttnatn	ncnanccttct	ccatntacna	nnannttant	nactacannt	cncatcnnnc	420

<220>
 <221> misc_feature
 <222> (1) ... (956)
 <223> n = A,T,C or G

<400> 3392

ccctcancgn	ncnnaacann	netcnnannc	tcnnatctta	netttcnnna	tcnantantc	60
ncganannnn	tnctcccn	atnntaccna	nttancttac	cncctcnnna	acnnctannt	120
tnaantnntt	ngnnnccng	tnntantntt	ttctaacnct	ggggaatcgc	ntctnngnag	180
ganccntcga	ntcgaaaatg	ccttcattnn	cctttttact	ttatcatgag	acataagatt	240
tattggcttc	atatcaaccc	ttaagtattg	ttaactttat	gtaatagcat	ttgggttggg	300
gattgggtgtg	ttttcggttg	tacatagcat	agttgaatta	tgtaggcat	aattatgacc	360
ttattattgt	ctttatttga	aaattatata	tgatctcagg	aaatgtgtat	gagttcaagt	420
tgacaaggag	tggatnnggg	atgggtgata	ctgagtgtca	acttgattgg	attgaagcat	480
gcagagtaat	aatcctgggt	tgtgtcctgn	gagcnatgtn	tcccaaanga	gaataacatt	540
tgagtcangn	gggctgggga	aaggcanacc	cacccttaaa	ctgggtgaac	accctntaat	600
caaactgtct	gctntggcca	gnatataaaa	gcangccnga	aaacntgaaa	aggctagaca	660
ggccttttagc	cctctcagcc	ctacatcttt	ctcccgtgct	tggatgnttc	ctgncctcaa	720
acnccanact	tcaagtnctt	cancttttgg	gacttgaacc	tggctctcct	tgntcntnaa	780
ntttgnatca	cnggcttata	tgngnggnac	cttancngtt	nagttcnaat	acctcnnaa	840
ttaaaccnc	ttttctntac	ananactccc	nctnaattcg	naccctntta	naantnatag	900
tgancccnca	aacctnnatc	cnnnncttga	tanngancca	ttgnacnnnt	tnnnnc	956

<210> 3393
 <211> 703
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (703)
 <223> n = A,T,C or G

<400> 3393

caatgctggn	ctaagtctgg	ctctngttct	ttcgcaggat	ccctcgatcc	gaattcgcca	60
cgaggagcaa	aataggatta	tattaaagaa	gcaaaaagaat	gtcctaaaaa	ttctccctgg	120
gattaagtaa	cacagtgatt	gatattagtg	gagtagaggg	aaagatccat	gttagagata	180
gcttaagata	gggattagat	gaattgaggg	caatgactaa	agatactgct	tgcaagaaaa	240
ctggctgaga	atgagaggaa	aatcttagtt	gcttggcggg	aggggggttg	tggttgtgaa	300
agatagtttt	gtttaatctt	agtcttaaat	ttaaaaaccaa	gcagcaagga	tctagctgag	360
agaataattg	aatacattaa	tataggagga	cagacaaaaga	tcctgaaaag	gctgggagaa	420
gagcatccaa	agcacaggtg	gagagacaaa	aagggttaggg	ctgctggcag	ctgtggagag	480
aactgtacgt	ggtaaggggg	agatataaga	tgtcctgcat	aagtattttc	cctgtagatt	540
gcaaagtcac	ctatggagag	gaaaggtcca	aaatagtcac	tggggagagc	aggtgaatta	600
gatggccaag	caggggtggat	ggatcatttg	aggtttgggg	tgacagatca	actgagatcc	660
acttacactt	ctgaaaacca	agacacttta	gaaattaaca	ccg		703

<210> 3394
 <211> 706
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (706)
 <223> n = A,T,C or G

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (857)
<223> n = A,T,C or G

<400> 3390

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aagtatncta	cccatccaca	ggcagcagac	aaggaagtac	cttctgtgac	tgntctggcaa	120
ggtcagaggc	atnagggaag	gtaaantact	gnaactatat	tnntaaaaat	aaaagtattc	180
cctttatgag	tgtgaattac	gaatcaatgc	ccctttctcac	tactttttgt	gaaaaaaatt	240
accactnctg	cancaagtct	atgcctgggt	aaccaccaac	ccnccaaanc	cnagaagaag	300
nccccctttt	ccggcntntg	gaaggctgga	gnancattng	natntnggcc	aacnggncn	360
taaantggng	aantnaccca	ctttcctttt	acaancgggt	ggcntcntna	naccancaca	420
aattntntgg	cacccgggtn	ctctnnacag	gnaaccctgn	naancaaana	aaccttgng	480
tctgactcn	ngnggccan	ntnctncggc	ttgntntaaa	atgactntgn	cntncctttt	540
ttaaaattca	caaanttttt	anccnctaca	tanacatatg	aagtgagnaa	cccncanann	600
gaanattnan	aaaacntccc	agccnncttt	taactactan	tngagnnctn	tttaatnntc	660
tnatccccnn	aannttggtg	atggangccc	attcgtttnn	cacctttttg	ganganaatc	720
cnccccacct	tctnaataa	tctnntcnga	ataaaaaaaaa	cncccccat	attattcnnn	780
caanaaantn	tttnnnanna	cnccanggn	gggctccttt	tttngcccn	cncttttnna	840
nncacntcn	ntanaaa					857

<210> 3391
<211> 857
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (857)
<223> n = A,T,C or G

<400> 3391

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aagtatncta	cccatccaca	ggcagcagac	aaggaagtac	cttctgtgac	tgntctggcaa	120
ggtcagaggc	atnagggaag	gtaaantact	gnaactatat	tnntaaaaat	aaaagtattc	180
cctttatgag	tgtgaattac	gaatcaatgc	ccctttctcac	tactttttgt	gaaaaaaatt	240
accactnctg	cancaagtct	atgcctgggt	aaccaccaac	ccnccaaanc	cnagaagaag	300
nccccctttt	ccggcntntg	gaaggctgga	gnancattng	natntnggcc	aacnggncn	360
taaantggng	aantnaccca	ctttcctttt	acaancgggt	ggcntcntna	naccancaca	420
aattntntgg	cacccgggtn	ctctnnacag	gnaaccctgn	naancaaana	aaccttgng	480
tctgactcn	ngnggccan	ntnctncggc	ttgntntaaa	atgactntgn	cntncctttt	540
ttaaaattca	caaanttttt	anccnctaca	tanacatatg	aagtgagnaa	cccncanann	600
gaanattnan	aaaacntccc	agccnncttt	taactactan	tngagnnctn	tttaatnntc	660
tnatccccnn	aannttggtg	atggangccc	attcgtttnn	cacctttttg	ganganaatc	720
cnccccacct	tctnaataa	tctnntcnga	ataaaaaaaaa	cncccccat	attattcnnn	780
caanaaantn	tttnnnanna	cnccanggn	gggctccttt	tttngcccn	cncttttnna	840
nncacntcn	ntanaaa					857

<210> 3392
<211> 956
<212> DNA
<213> Homo sapiens

tttttttttt tttnngaggnn ntttntntnc nntccnnnca ntttnanann cctngnanng 720
 gtttnnaaaa anaananngn naannnnnnnn ncccccnngc ccttttaaaa taaaaa 776

<210> 3388

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3388

tatacataca	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgaggt	60
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tccgcctcag	cctcccaagt	ggctgggggt	atgggcctga	gccactacac	agctaagagt	180
gtcttgtatg	tgctaagtga	atggctgggt	tctgagagcc	cctagagagc	ttcaagatgg	240
gggctagtct	ttagaaagtc	caagcaatgg	ctaggatagg	tggccactgc	ctgtaatccc	300
aggagtttgg	gaggccaagg	tggacagatc	acctaggagt	ttgagaccag	cctggccaac	360
atggcgaaac	actgtctcta	ctaaaaagac	aaaaatttagc	aagacaaaaa	ttagctgggc	420
ttggtgggtga	gttcctgtag	tcccagctac	ttgggagggt	gaggcaggag	aatcacttga	480
acctgggagg	cagaggtttc	agtgtgctga	gatcatgcca	ctgcacacca	gccgcctggg	540
tgacagagca	agactccatc	taaaaaacia	aaaaagtcac	gattagaggg	ttggaacttt	600
cagcctttcg	gcctctgctt	cttgtcccca	cctntgggca	naaggggaagg	gctagagatt	660
gaattatncc	aatggccaat	gatttattta	atcaatatga	aaccttcata	aaatccccta	720
agtgtataag	ttcanagagc	tttcaagttg	gtaaagcttt	tctangtgct	tgggaagggg	780

<210> 3389

<211> 815

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(815)

<223> n = A,T,C or G

<400> 3389

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gaatccccac	ccccatcaat	tttcaggaat	gggatgggtc	agtaaggata	acctttgtta	120
ggaaaaacia	gacactctct	gctgcattta	aatcaagtgc	agtgaacia	ctcttggaia	180
aaaactacag	aattcactgt	tcagtccata	atattataat	accagaagat	ttcagcatag	240
cagataaaat	acagcaaata	ctaaccagca	caggtttttag	tgacaacggg	cccgttccat	300
ggacatagat	gacttcatca	gattgtctaca	tggattcaac	gcagaaggta	ttcatttttt	360
ctaggatatt	ggaaaacaga	aattttcaag	gtcaagaaaa	gaaatgaatt	ttgtattttt	420
tgtatttgag	aagataatgc	ttttgcttta	ctgagacatt	atttacttga	ctattttttg	480
ttcaatacta	ctactgggtg	caccatttat	gattctgaat	ttaaagttgg	gaaagggtcta	540
agtatcaaag	tttttaatat	ataatgctgg	tccaatctat	tcataataat	cttcaaggtc	600
agggagcccg	cagagaccca	ccaacttttn	cacttatcat	ttctaacagg	ttattggata	660
aagaangtan	ctcttctatt	taccgggnat	atacctggna	aggccttntt	tnnggncctt	720
tagctctggg	tcctccnggt	aattaaaaaa	ggttaaaaat	atggaaaaaa	aaaaaaaaaa	780
aaaaaactcc	gnnggcctnt	agaacttttt	ggggg			815

<210> 3390

<211> 857

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cagcctgacc aacatggcaa acccccgcgt ccactaaaaa tagaaaaaa tagctgggca 420
tgggtggtgca cccctgtagt ctcagctact tgggagacag aagcaggaga attggttgaa 480
cttggaaggt ggaggttgca gtgagctgag atcgaccac tgactccat cctgggcgac 540
agagcaagac tgtctcaaaa taaataaata aataaataaa taaagttaaa aaanaaaaaa 600
aaaaactcga gcctctagaa ctatagttag tctgtattac tagatccaga catgataaga 660
tacattgatg agttcggaca aaccacaaac tagaatgcan tgaaaaaaa tgctntattt 720
gtgaaatttg tgatgctatn gcttttattt gtaaccatta taagctgcaa ttaaccagtt 780
aaa 783

```

<210> 3386

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 3386

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caacgctngc tacnngttct ttttgcagga tcccatcgat tcgaattcgg cactgagcaaa 60
gaggtacaga gtgaagacag tgtcctcctg tttgttattg catggacgat cactgaaatc 120
atccgttact cctttttatac attcagtcta ttaaaccatc tgccttacct catcaaatgg 180
gccagggtaca cacttttcat tgtgctgtac ccaatgggag tgtcaggaga actgctcaca 240
atatatgcag ctctgccctt tgtcagacaa gctggcctat attccatcag tttacccaac 300
aaatacaatt tctcttttga ctactatgca ttcctgatcc taataatgat ctctacatt 360
ccaatttttc cccagttata ctccacatg atacaccaga gaagaaagat cctttctcat 420
actgaagaac acaagaaatt tgaatagttc ctgctttctg cactcccac caaaacaaac 480
ttttcaatga tcaaaaaatg ctgcagattt tttgagttcc caatacgttt catagaaaat 540
aagtaagaac tattttttaa atattcaaac aaaactaaaa caaaaatcca gtgtcacatg 600
ggcctgagat tttattttag aaaaagggtg ttacataaaa caccctggcc agttcatttc 660
agcatgctct ttcaaccaga agttcttaat atttatgatg gcactagaaa gggatttggc 720
attttatgtc cttctgtgtc cttcatgtat ctgatcaatg aagacctgta ccactaan 778

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<210> 3387

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(776)

<223> n = A,T,C or G

<400> 3387

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catanagntc ttgccttttt gnaggacnct cgattcgat tcggcacgag ccccatctt 60
cactggttat tccacttatt taaaatgtcc agaataagca aatctccata tagaggaagt 120
agattagtgg ttgcttcggg atgggaggaa tgggaagatt gaggtctttc ttttgcagt 180
ataaaaatgt cctaaaattg actgtagcga tggtcacaca actctgaata tgcctaagac 240
cattgaatta cacactttac gttggtgaat tgtatggatg taaattatag ttcaataaca 300
tagttacaaa agataatcaa aagcatgaaa gcactgttga tgtggnttgg atctgtgtcc 360
tcaccgagtc tnatgttgaa atgtaagccc cctgggtggg ggcgatggga ttatggggca 420
gantcctcac aaacgggtta gccacccgc tcaggctgtt ctctgatata tgagtcctca 480
tcacatctgg ttgcttcaaa gtgtgtggng ccttccctct atctcctact gctctggcca 540
tataaangt gcctgcttct ccttcgcctt ntacatgatt gtaaagtttc ctgagcctcc 600
tagaacnaaa gctgctgngc tttctgtcca tctacangan cgtgagccca attaaacctc 660

```

```

ntcaaattnn nnnnnnnnecg nnnnnnnntc nnnccatnnc nnnncnnttc tacnnatnnc 420
nnnnntnctac nnnntecnntn cnttnnaann tntecnecnc ntannngnnn nctnnnntnt 480
tnnnntnnnn nnnnnnnnecg ntctnnnec cnnnnntcc nnnnnnnncc nnnntcnnc 540
tnnnnnnnnc nnnntnntn tnnccnnnc nnttnntnn nnnntnncnn nntnnnnnt 600
nnnnnnnnnn nntnncnnnn nntnnnnnn nnnnnnnnnn tnnnnnnnnn nntnnnnnn 660
nnncnncnn nnnnnnnnnn nntnnnnnn nnnntnnccnn tnnnnnnnnn nntnnnnnn 720
nnctnannnc nnnnnnnnnn nntnnnnnn nnnnctnnnn cnnctnctct cnnccnntn 780
tctnncnnn nnnnttnnn nnnnnnnnn nnnnctnnnn nctnnnnnnn cnnnnnnnn 840
nntnnnnnn cnnntnncnn tnnnnnnnn nnnccnnnnn nntctnnnnn nnnncnncct 900
nnnnntnctn nnnnnnnnn nnnnnnnntn tctnctnnn cnnntnnnnn cntnctac 960
nctnncnn cnnccnnnn tnatnnctn nntnctnt tacctttacn ncnncncc 1020
cttncnntn acncaatncc nctt 1044

```

```

<210> 3384
<211> 783
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(783)
<223> n = A,T,C or G

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<400> 3384
tcaacagctg gctactcggt ctntntgcag gatcccatcg attcgaattc ggcacgagca 60
gccttggtga cagagcgaga ccctgtctct aaaaaataaa taaataaaat attgtgagtc 120
tctgatgggg agcagtattg catggtggtt gagaactgag gctctgatgt tagaactgga 180
ttctgactta acccactggt tgccacatc ttgagccttg gtttccctat ctgtaaaatg 240
gcagtattct cgggctggct gaggaaagga aatgaggcca ggcgcggttg ctcaggcctg 300
taatcccagc actttggcag gctgaggcag gtggatgatt tgaggccagg agtttgagat 360
cagcctgacc aacatggcaa acccccgcgt ccactaaaaa tagaaaaaaa tagctgggca 420
tggtggtgca ccctgtagt ctcagctact tgggagacag aagcaggaga attggttgaa 480
cttggaaggt ggaggttgca gtgagctgag atcgaccac tgcactccat cctgggcgac 540
agagcaagac tgtctcaaaa taaataaaata aataaataaa taaagttaa aaanaaaaaa 600
aaaaactcga gcctctagaa ctatagttag tctgattacg tagatccaga catgataaga 660
tacattgatg agttcgga aaccacaac tagaatgcan tgaaaaaaa tgctntatgt 720
gtgaaatttg tgatgctatn gcttttattt gtaaccatta taagctgcaa ttaaccagtt 780
aaa 783

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<210> 3385
<211> 783
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(783)
<223> n = A,T,C or G

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<400> 3385
tcaacagctg gctactcggt ctntntgcag gatcccatcg attcgaattc ggcacgagca 60
gccttggtga cagagcgaga ccctgtctct aaaaaataaa taaataaaat attgtgagtc 120
tctgatgggg agcagtattg catggtggtt gagaactgag gctctgatgt tagaactgga 180
ttctgactta acccactggt tgccacatc ttgagccttg gtttccctat ctgtaaaatg 240
gcagtattct cgggctggct gaggaaagga aatgaggcca ggcgcggttg ctcaggcctg 300
taatcccagc actttggcag gctgaggcag gtggatgatt tgaggccagg agtttgagat 360

```

atctctggga	tgctcagt	gag	gctgggtgaa	gaccagaggt	aaactgcaga	ggtcaccacc	120
cccaccatgt	cccaggtgat	gtccagccca	ctgctggcag	gaggccatgc	tgctcagcttg		180
gcgccttgtg	atgagcccag	gaggaccctg	caccagcac	ccagcccag	cctgccaccc		240
cagtgttctt	actacaccac	ggaaggctgg	ggagcccagg	ccctgatggc	ccccgtgccc		300
tgcattggggc	cccctggccg	actccagcaa	gccccacagg	tggaggccaa	agccacctgc		360
ttcctgccgt	cccctggtga	gaaggccttg	gggaccccag	aggaccttga	ctcctacatt		420
gacttctcac	tggagagcct	caatcagatg	atcctggaac	tggacccccc	cttccagctg		480
cttccccccag	ggactggggg	ctcccaggct	gagctggccc	agagcaccat	gtcaatgaga		540
aagaaggagg	aatctgaagc	cttgggtaag	gatttggggc	acagtaccag	gaggggggct		600
tggtgccaga	cctcatgagg	aagaaggatt	ttcctatgta	cagagaaggg	gacccctgtc		660
ctgttgggan	gtgctgtgca	aacctaacca	aagttactaa	ccccctctgg	ttctgngggt		720
acacaaangg	ggataaatac	aaagctttnc	ctnaactagc	caattctatt	tgggtttcct		780
gagt							784

<210> 3382

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (775)

<223> n = A,T,C or G

<400> 3382

aaccaccagc	tacttgttct	ttttgcagga	tcccatcgat	tcgaattcgg	cacgagtga	60
agttcaaaca	gaaattgcat	tgattattaca	gagaaagcaa	gaactagttg	cagaactgga	120
ccaggatgaa	aaggaccagc	aaaatacatc	tcgcctggta	caggaacata	aaaagctttt	180
agatgaaaac	aaaagccttt	ctacttacta	ccagcaatgc	aaaaaacaac	tagagggtcat	240
cagaagtcag	cagcagaaac	gacaaggcac	ttcatgatcc	tctgggaccg	ttacattttg	300
aaatatgcaa	agaaagactt	tttttaagga	aagggaaaacc	ttataatgac	gattcatgag	360
tgtttagcttt	ttggcgtggt	ctgaatgcca	actgcctata	tttgcctgcat	ttttttcatt	420
gtttatttttc	cttttctcat	ggtggacata	caattttact	gtttcattgc	ataacatggg	480
agcatctgtg	acttgaatga	gcagcacttt	gcaacttcaa	aacagatgca	gtgaactgtg	540
gctgtatatg	catgctcatt	gtgtgaaggc	tagcctaaca	gaacaggagg	tatcaaacta	600
gctgctatgt	gcaaacagcg	tccatttttt	catattagag	gtggaacctc	aagaatgact	660
ttattcttgn	atctcatctc	aaaatattaa	taattttttt	nccaaaaaga	tggtatatac	720
caagttaaag	acagggtatt	ataaatttag	agtgattgnt	ggatattacc	ggaaa	775

<210> 3383

<211> 1044

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1044)

<223> n = A,T,C or G

<400> 3383

naacgcnnge	tacttgttct	ttttgcagga	tcccatcgat	tcgaattcgg	cacgagcccc	60
ggctcgtgtg	cggtgggtata	ctacgggtcaa	tgctctgaaa	tctgtgggagc	aaaccacagt	120
ttcatgccca	tcgtcctaga	attaattccc	ctaaaaatct	ttgaaatagg	gcccgtatatt	180
accctatagc	acccctctta	gagccaatan	annaantnat	nntnnnaanc	ncnnnancnt	240
ananaancct	nancctttan	aactntnnng	agtcntnntn	annnnnatnc	anacatgntc	300
ncatacatcn	cttatttttg	ncnnnecnnn	cctnnanngc	ncnnnnanan	angcnntntt	360

<221> misc_feature
 <222> (1)...(686)
 <223> n = A,T,C or G

<400> 3379
 tgtgcnccgga aagatnagcc aaatgctttc aaagagctng ggacaggaaa tagaatngct 60
 acngtggtctg atntatatga gtgatgtgtc tgcaggagga gccctgcttt tgctgaattg 120
 gagctagtgt ttggcccaaa aaaggaactg ctgntttggn ataancgtgn ngccannnga 180
 nancgagatt atagtacacg gcntgcagcc tgtncagggt ctagttggca acaaattgggt 240
 atncaataaa tggctccatg aacgtggaca agaattnnca agacctgtt cttntcagaa 300
 ttggaatgac aaacnggctt ccctttttct cctatngntg gtactcttat gtgtctgata 360
 tacacatttc ctngtcttaa cnttnaggga gttacaattg actaaacact tcatgattgg 420
 nttcacncca tganccctna tcccanggtt tcatttgtgg acaattgctt acttttgnng 480
 ggtcttttaa aaaggnacnc gaaatcttca ttattgccgt aaaaacctta aagatctggt 540
 ggnantcaca agaagacaaa nggccgaaat tttaaagggg aggggaatttt tntattttna 600
 aagaaccttt ttnggttgga nnaaaaacat aatttgagcn ttcnctttt nagaattccc 660
 ctaacatctc aggttggtg gggngg 686

<210> 3380
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 3380
 ttccatcagc tcttgttctt tntgcaggat ccctcgattc gaattcggca cgagattcca 60
 aaggttncaa anaacttggc cataantatg atnatgagaa gacancgtct ttctnttaaa 120
 acagnttant ngccttcact tttgtgaaaa tagntttcan cacanaaact gacttnttta 180
 gacaaagttt taaccaatga tngngtnngc ttctaggata tacactctaa ancaactcac 240
 tgtcccacgt ggtggtcatt gctggccnta ntnanttggn cctgcntaan natattgata 300
 tctaatttcn tttaaccacc ntnantngnc cttanttacc ancnggggnn nactncacgn 360
 ggcaactgng gcntngcntn cttnnccagc tcatgggtgng tgaatgttat acaaattgcc 420
 actcagatat atttttggnc gtaatggggg gtacaaatga tcatgtgatg tgtncactca 480
 tntggtgcaa agtgccccng gcaccaacng ngncnnggtn ctcanccaca accntgctnc 540
 ctctgagatn cacnnccnt cancctccga gtaangagtt gcgntacaac tcatcaangg 600
 nanactggnt aatattaaaa atcatccnat atgnccatac tttncctntt ttgtancctg 660
 cccaannatc ccgtcaaagg gnngtgtttn tctngctaatt tccccaccag ntggmntann 720
 nttaattccn ctcaggganc aaanngttca caatgccttt ctttttttcc cgnngggntt 780
 ttggaagcn 789

<210> 3381
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(784)
 <223> n = A,T,C or G

<400> 3381
 naacacttng ctacnngttc tttttgcagg atcccatoga ttcgaaattcg gcacgaggag 60

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(828)
 <223> n = A,T,C or G

<400> 3377

tcctttttng	aaagctttaa	acctttttta	aacctttcag	ctcgggnccc	attgcngann	60
cnatctantc	nnngccggcn	ccgcncngnn	gtntnncatt	nataaanngc	ttgaanatna	120
tgatgtngcc	ntctagnnac	nnagatttga	ntccgnttan	ngaagtgtga	aatntgcnc	180
ggaagaaatg	ttnncttna	tgatagctcg	tgnatggaaa	aaagngcact	gnatttatta	240
cacaaactta	cnaatgcttn	acttctttac	acaacatnng	tnaantnata	tttgggntat	300
tgcatnctat	naacaatttg	tgnatgnntt	aanatgggtg	ttnatnactnt	gntnnncgnc	360
annntgtttt	taacnnatan	tggccctaaa	atatgggtgt	gcttatataa	tcgcttactt	420
ctgggnactgn	aacngnnnta	cngaggacag	ntgggntttt	aaccctcttn	ttgnacgttt	480
gccngaccta	cntggnttan	tatggattct	aaaagtactt	caatgnnctt	annaagaaac	540
atatecttgn	ggngtattta	gatgcttttt	gattataccc	acacaatncc	tgaggggaca	600
ttttggggcn	tngaataata	aacanttnna	tntccactta	ncatctgccc	cccngnggta	660
agttactatt	ngttnngcng	gtacaactaa	atnncttttc	ccantntttt	aattgggaaa	720
taggggcgaa	tnnctangnc	tttantggnt	ggtntctggg	ctcaatggac	natnnaacaa	780
ttgnnaaana	caaanttgta	aatcccgga	ttcctnataa	aaaaaant		828

<210> 3378
 <211> 793
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(793)
 <223> n = A,T,C or G

<400> 3378

nnnnnnnnnt	nnnttttnata	tacatncagc	tcttggttctt	tttgcaggat	cccatcgatt	60
cgctgacaac	ttgattgggt	tctccttcag	gtttgaagcg	ccctcgagaa	gtgtctaaag	120
gagacagttg	atagccaaac	aacagttttg	gattcactga	ctgattatga	aagaagcagt	180
agactgggat	caagaatcag	tcagcaagga	ggccctcacc	agacgccagt	gccatgttct	240
tggacttctc	agcctccata	ttcatgaact	aagttttttg	aatccttagg	cttcnngtgt	300
ggaaagcctg	agctaacct	ctggaggatg	agccatcacc	tggagcagat	tcaggccatc	360
ctagtgaag	cctccctagg	ccaagcaacc	gtccaactac	cagacattga	ccattcagcc	420
ttgaacattc	agcacaaga	caaaacagac	cagaccagaa	gagtcccaca	gaatagggga	480
aactattcag	agaaaactta	agccactaag	ttttatgggt	ttttgttctg	tagcagaagc	540
ataggcatac	tgacaataca	aaccgaaatc	cttctaactg	agtggacctt	ttcaggccac	600
atttttttnt	tgaaaacctg	gagcatgtat	catcttatag	cagagatcac	tttcacaatg	660
tttgggctct	tgatttgaat	tgatgatgta	atgagccctc	tatncagatg	nnactaatta	720
ctctgcgaat	tgactgggat	tcacaccctt	ctaataat	acttttctct	ttttatcaac	780
tctcattctc	gct					793

<210> 3379
 <211> 686
 <212> DNA
 <213> Homo sapiens

<220>

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1128)

<223> n = A,T,C or G

<400> 3375

gnngggggnnn	nnnnnnnggg	gnngggggnnn	ggcgnnnggn	ncgncgggnnn	ancnnnnnnnn	60
nnnnnnnggg	ggnnnncccc	cggttttttt	ggccaaaatn	ttggggccnaa	naaaccagg	120
gcccttacct	nggggncccc	ctttnttttt	tggggccang	gggnnagccc	nccncgnncc	180
cggggnanggg	ggcncggggg	gnagggcccc	gcngcnaang	ccgnaggggg	ggggggcncg	240
cgccccccnc	ccannngncc	aagaganaaa	nnnaggcggc	nnagnngaang	nggaannccc	300
ntggggcnng	gggnnanana	nccaagnngg	aggggggggg	ggggccggcc	gggntcgggg	360
gagnnacggn	cantnggncn	ggggggnggg	aggggcacag	ggggaggagg	ncttnnggng	420
ggngagcgga	gcgcggggcn	cnancagnng	gggancncnn	gcaangggca	nnagangccg	480
ngnccacct	acnnggggga	ngcaaggcnn	tgnagtnat	ngggggnagg	agcaaaaang	540
ggngncceng	ngctaggncg	ancntggggg	agggagcnng	ccngaacagc	nggggggnnc	600
tggngagaaa	cnggagcgng	ncngnacggc	ccnggagaca	aggagcgtct	gggggagggc	660
gatggcaagg	ggtatgggng	gctgggacan	gnnggggacc	cnagngnaaa	nnctgtnggc	720
aagngggacg	tnnggggngn	nngctggata	agggncgcaa	ggtaccnagn	cggnncagg	780
gngncactgg	nangcagggg	gagccgagga	cggnnagngc	gnngntgagg	gnacgncgng	840
gangacgtgc	caggnaaccc	nggggncgng	ggcgggnaaa	cnngncgagc	ncgccggggc	900
ngcgtcgag	agcgnggnnn	agggcgannng	gtnaaggngg	ngngnggggn	angnnngggg	960
cgaggggncn	aaggatnnng	aggggggnac	acntgggcn	ganggcatgg	ncngncncgg	1020
ggccgaaaca	cggaacgcg	gggggagggc	angngngggg	nctgggggnc	cgncgggnag	1080
gggnacnggg	ggcgggggcg	cagtggncag	tgtgnnngcg	gcgagccg		1128

<210> 3376

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(793)

<223> n = A,T,C or G

<400> 3376

aantacatca	gctnttntct	ttttgcagga	tcccatcgat	tgcagaaagt	gctagcacag	60
tttgtgttgt	ggatttgcta	cttccatagt	ttacttgaca	tggttcagac	tgaccaatgc	120
atTTTTTTca	gtgacagtct	gtagcagttg	aagctgtgaa	tgtgctaggg	gcaagcattt	180
gtctttgtat	gtggtgaatt	ttttcagtgt	aacaacatta	tctgaccaat	agtacacaca	240
cagacacaaa	gtttaactgg	tacttgaaac	atacagatat	gttaacgaaa	taaccaagac	300
tgcgaaatgag	attatTTTTg	tacacctttc	tttttagtgt	cttatcagtg	ggctgattca	360
ttttctacat	taatcagtgt	tttctgacca	agaatattgc	ttggattttt	ttgaaagtac	420
aaaaagccac	atagtttttc	cagaaagggt	tcaaaactcc	caaagattaa	cttccaactt	480
ataagtttgt	ttttattttc	aatctatgac	ttgactggta	ttaaagctgc	tatttgatag	540
taattaaata	tgttgctcatt	gatataaacc	tgtttggttc	agcaaacaaa	ctaaaatgat	600
gtgcataaga	caggggtttt	atTTTTcctg	gtggngtng	ctgatttgng	gagcatgcct	660
ttaagaatga	aaaaagcctg	gaatggataa	ccttccttta	aaaaaggngc	cggcattcca	720
attcaaaata	ttttcgtcct	ggatttnaaa	gctggttggg	gtaatgctaa	ttaaaaattc	780
cttcagttaa	ttt					793

<210> 3377

<211> 828

<220>
 <221> misc_feature
 <222> (1)... (869)
 <223> n = A,T,C or G

<400> 3373

atttcaaaaa	ctcttgccctt	nttaaanacc	tnnecntact	cgatcntnca	cgaggaanga	60
ggacctaggg	acacacatat	ggtggccaca	cccaggagg	tagtggngag	ttagatttna	120
gagtcacagg	cctaggttgg	gacccactcc	aaataatctc	ctcgggtgtg	gtgggtggttn	180
tatanangga	taaatgaata	ataaacattn	ntaaaatata	cgctattcct	tgntggaaat	240
gcctgctgca	cccccgtttc	cantgacntn	ccgaangngg	ntatnnggtg	gtcantggaa	300
tnacagtcaa	tccanangtn	ancngcngg	gntgcacaa	gctgncctcg	cacctgggnt	360
nnncaccctc	tggcccacac	tggtnatgat	gccacacctt	nccatgttca	cnctgttttg	420
aaaaanncct	tttnttttcc	tcttttaaa	agaaaacatt	ganaaaagatt	ttttttttta	480
atgggcccag	ccnaaaagg	agatctnccc	ncccttgtat	atnatantnn	tgaccctncc	540
tacnaagang	gcgttttttg	caaaatnatt	ntttnttttt	tcncgnggtg	gtgggggaaa	600
aatttttctc	ggggggggcc	ttngnngccn	aactnttaat	tttccccatt	aaggcaannt	660
ttctttgggg	gnctttcccc	nggggcttaa	ncnttaaact	ttggaatttt	tnnnggggtt	720
ggttngnccn	taaattttta	nnaaaatggt	ngtcnaaccc	aaaaaaaaat	ntnaccctcg	780
ggggccnaaa	anttttttnc	cccccttgga	ngccttttan	tttcccccac	aaactttttt	840
tttttccctt	ccaaccnctt	ttattctttt				869

<210> 3374
 <211> 1128
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (1128)
 <223> n = A,T,C or G

<400> 3374

gnngggggnnn	nnnnnnnggg	gnngggggnnn	ggcgnnnggn	ncgncgggnnn	ancnnnnnnnn	60
nnnnnnnggg	ggnnnncccc	cggttttttt	ggccaaaatn	ttggggccnaa	naaaccagg	120
gcccttacct	nggggncccc	ctttnttttt	tggggccang	gggnnagccc	nccncgnncc	180
cggnnanggg	ggccnggggg	gnaggggccc	gcngcnaang	ccgnaggggg	ggggggcncg	240
cggccccccn	ccannngncc	aagaganaaa	nnnaggcggc	nnagngaang	nggaannccc	300
ntggggcngg	gggnnanana	nccaagnggg	aggggggggg	ggggccggcc	gggntcgggg	360
gagnnacggg	cantnggnccn	ggggggnggg	aggggcacag	ggggaggagg	ncttngngng	420
ggnggagcga	gcgcggggcn	cnancagngn	gggancncnn	gcaangggca	nnagangccg	480
nggnccacct	acnnggggga	ngcaaggcnn	tngnagtnt	nggggggnagg	agcaaaaang	540
ggngnccccg	ngctaggngc	ancntggggg	agggagcngg	ccngaacagc	ngggggggnnc	600
tggngagaaa	cnggagcgng	ncngnacggc	ccnggagaca	aggagcgtct	gggggagggc	660
gatggcaagg	ggtatgggng	gctgggacan	gnnggggacc	cnagngnaaa	nncgtgnggc	720
aagngggacg	tnnggggngn	nngctggata	agggncgcaa	ggtaccnagn	cgggnnccagg	780
gngncaactg	nangcagggg	gagccgagga	cggnnagngc	nggntgagg	gnacgncgng	840
gangacgtgc	caggnaaccc	nggggncgng	ggcgggnaaa	cnngncgagc	ncgccggggc	900
ngcgtcgcag	agcgngggnnn	aggcgannng	gtnaaggngg	ngngnggggn	angnnngggg	960
cgaggggncn	aaggatnnng	aggggggnac	acntgggccc	ganggcattg	ncngncncgg	1020
ggccgaaaca	cgggaacgcg	gggggagggc	angngngggg	nctgggggnc	cgncgggnag	1080
gggnacnggg	ggcgggggcg	cagtggncag	tgtgnnngcg	gcgagccg		1128

<210> 3375
 <211> 1128
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(924)

<223> n = A,T,C or G

<400> 3371

annnnngnnnn	nnnnnnnnnnn	annagnnnnn	nagnngttga	ntttgaaacc	tttagccctt	60
ttgcagancc	caccgnttcn	gnagatgatg	tggatanact	tggtactcc	cttgagtgga	120
anatannggt	gttcagactg	nncaagtnta	nctccanaga	ctttgaagtc	tgctacccag	180
aggagcctct	cagggactgg	ccggagatct	ccctgctgac	cgagaacgac	cgccactacc	240
acattccagt	cnttttaannc	cgctgggggc	cnaacagcag	ngctcaccag	tgacggtggt	300
cacagttgcn	ataaaagtngt	ctctgaaacc	aaagctagca	tttcacnatg	gaaggaatta	360
ngacctattc	ttcaggatta	caggtacact	ggntgcaagc	catgcatgga	tggnttttct	420
taatnntnca	gtngatttgc	tctnaannca	nctgcanatg	aaaacanttg	gcgagtnggg	480
ngncnggact	ttgaccata	nagggggcgt	nggccacttc	acatgatggg	cgggggctat	540
tgggaccaca	aatnaaaggc	cngcntggac	ancaaacntg	ggaaaaaann	naagaangaa	600
aaaccacnnt	aaagngaaaa	nacangcntg	accttgggag	aggaaaaaaa	aaccaagttt	660
taaccggtnn	atggttcatt	cattnaaaaa	aacctnnanc	ntcggacttg	tattttggag	720
gggattttaan	taccnaaana	atngggncct	tatttttnan	aataaagcnn	anaacctttt	780
accnaaagaa	ancccnannt	ttgggaatan	tggcnatntc	taaangggan	cccatnnggg	840
attnaacntt	gtnaaaaaatt	aactaanact	ttcgggggaa	aagttgncna	aatngaaggt	900
ggntcanaaa	naaaaanaaga	anng				924

<210> 3372

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3372

ttccatcagc	tcttgttctt	tntgcaggat	ccctcgattc	gaattcggca	cgagattcca	60
aaggttncaa	anaacttggg	cataantatg	atnatgagaa	gacancgtct	ttctnttaaa	120
acagnttant	ngccttcact	tttgtgaaaa	tagnnttcan	cacanaaact	gacttnttta	180
gacaaaagtn	taaccaatga	tngngtnngc	ttctaggata	tacactctaa	ancaactcac	240
tgtcccacgt	ggtggtcatt	gctggccnta	ntnanttggg	cctgcntaan	natattgata	300
tctaatttcn	tttaaccacc	ntnantngnc	cttanttacc	ancngggnnn	nactncacgn	360
ggcaactgng	gcntngcntn	cttnnccagc	tcattggtgng	tgaatgttat	acaaattgcc	420
actcagatat	atthtttggnc	gtaatggggg	gtacaaatga	tcattgtgatg	tgtncactca	480
tntggtgcaa	agtgcceccng	gcaccaacng	ngncnnggtn	ctcanccaca	acctgtctnc	540
ctctgagatn	cacnnccent	cancctccga	gtaangagtt	gcgntacaac	tcattcaangg	600
nanactggnt	aatattaaaa	atcatccnat	atgnccatac	tttnccnttt	ttgtancctg	660
cccaannatc	ccgtcaaagg	gnggtgtttt	tctngctaatt	ttcccaccag	ntgggnntann	720
nttaattccn	ctcaggganc	aaanngttca	caatgccttt	ctttttttcc	cgnngggntt	780
ttggaagcn						789

<210> 3373

<211> 869

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1000)
 <223> n = A,T,C or G

<400> 3369

aatttttttn	nncnaattt	ttccnaagg	gccccttaac	cttttgggtt	ttccctttt	60
tttttttttg	gcccaanggg	gaaattcccc	cccccaattc	ccgnaattt	ttcccgnaa	120
aaatttttcc	cggggccna	cccggnaagg	gggaaggggg	gaaaaatttt	taaccagg	180
gggtttaagg	gcccaaaaaa	aaatttttaa	ttggggggaa	gggnttttgg	ggggaagggg	240
gnaaccagg	gtttanttgg	aaaaccccc	ccnattttt	tgggaccntt	ttttgccac	300
ccgggggaaa	aaagggaatg	gaaagcccc	aannaatggg	cctttttcca	aaaaagaaag	360
ccttgggggg	ggaccaaggg	gaaaaataag	aaattggctt	accatgggct	tggttttata	420
tgaatgatgt	gtctgcagga	ggaccctgtt	tttctgaagt	tggactagt	tgcccaaaa	480
aaagaactgt	gtttggtata	atctgttgca	gtggagaagg	agatatagtc	acggcatcac	540
ctgtcagtc	tagtggcaac	aaatgggtat	caataaatgg	ctcatgaacg	tggacaagaa	600
tttcgaagac	cttgtcgttg	gncagaattg	gaatgacaaa	caggcttccc	tttttctcct	660
attggtggna	ctcttatgtg	ctgatataca	catttcctag	tcttaacttt	caggagttta	720
caattgacta	acactccatg	attgattcag	tcatgaacct	catcccatgt	ttcatctgtg	780
ggacaattgc	ttactttggt	gggttctttt	aaaaagtaac	acgaaatcat	catattgcat	840
aaaaccttaa	aagttctgtt	ggtattcaca	agaaagacaa	aggcagaagt	ttaaaagtgg	900
anggaatttt	atatttttaa	gaactttttg	ggttggataa	aaacataatt	tgagccatcc	960
nagttttaag	tantttcact	acatctcaat	tgggtgggtg			1000

<210> 3370
 <211> 1000
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1000)
 <223> n = A,T,C or G

<400> 3370

aatttttttn	nncnaattt	ttccnaagg	gccccttaac	cttttgggtt	ttccctttt	60
tttttttttg	gcccaanggg	gaaattcccc	cccccaattc	ccgnaattt	ttcccgnaa	120
aaatttttcc	cggggccna	cccggnaagg	gggaaggggg	gaaaaatttt	taaccagg	180
gggtttaagg	gcccaaaaaa	aaatttttaa	ttggggggaa	gggnttttgg	ggggaagggg	240
gnaaccagg	gtttanttgg	aaaaccccc	ccnattttt	tgggaccntt	ttttgccac	300
ccgggggaaa	aaagggaatg	gaaagcccc	aannaatggg	cctttttcca	aaaaagaaag	360
ccttgggggg	ggaccaaggg	gaaaaataag	aaattggctt	accatgggct	tggttttata	420
tgaatgatgt	gtctgcagga	ggaccctgtt	tttctgaagt	tggactagt	tgcccaaaa	480
aaagaactgt	gtttggtata	atctgttgca	gtggagaagg	agatatagtc	acggcatcac	540
ctgtcagtc	tagtggcaac	aaatgggtat	caataaatgg	ctcatgaacg	tggacaagaa	600
tttcgaagac	cttgtcgttg	gncagaattg	gaatgacaaa	caggcttccc	tttttctcct	660
attggtggna	ctcttatgtg	ctgatataca	catttcctag	tcttaacttt	caggagttta	720
caattgacta	acactccatg	attgattcag	tcatgaacct	catcccatgt	ttcatctgtg	780
ggacaattgc	ttactttggt	gggttctttt	aaaaagtaac	acgaaatcat	catattgcat	840
aaaaccttaa	aagttctgtt	ggtattcaca	agaaagacaa	aggcagaagt	ttaaaagtgg	900
anggaatttt	atatttttaa	gaactttttg	ggttggataa	aaacataatt	tgagccatcc	960
nagttttaag	tantttcact	acatctcaat	tgggtgggtg			1000

<210> 3371
 <211> 924
 <212> DNA

<210> 3367
<211> 785
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(785)
<223> n = A,T,C or G

<400> 3367
gnnnnnttttn nnnntntaaa cccttnagct actcggttctt tttgcaggat cccatcgatt 60
cgaattcggc acgaggctgc cacagggggg caatctttat ttgtcttact tcctaccct 120
tcctgttct gcctctttaa ctcagttaag ttgttctgtt tgggacctgg aaaagaacct 180
aaagaaaacc tgagtggaca ggttcatttc tggaatgcag aaaacatttt aaaggctaga 240
tttttagaat attctcaact agcattcttt ccattgattt gaaggggaat taactattat 300
aatctcttga atccaaaact ggatattaag aactttcccc cttactaagt ttaagacttt 360
tgtcatgtgg tgagtcaaact aagaccattt tgattgtaaa ccataaaaata gttcagcaag 420
tagccacag ttctggccta acagcagact tgctgttttc acttggtatc ctggagtgg 480
gttgctaacc ttaatttcta tgatgttttc taaaatgaaa cttgataaag tagaccacca 540
gctgcaccgt gttttctgta aaagtattgt tagtaagtgg ccaagagact tgaggaaaat 600
acagattttt tgggttacctt ggtcttgggt taagtcttaa aaaattaaag ataacattat 660
aatgtagaat cagatgggac atagtccttg taagcttnc tgggaaatgt tttaaattat 720
taggaagctt ttaaaagacc taaattgtac tctaaaagac actnaattgt ctaatgtaca 780
aaggn 785

<210> 3368
<211> 785
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(785)
<223> n = A,T,C or G

<400> 3368
gnnnnnttttn nnnntntaaa cccttnagct actcggttctt tttgcaggat cccatcgatt 60
cgaattcggc acgaggctgc cacagggggg caatctttat ttgtcttact tcctaccct 120
tcctgttct gcctctttaa ctcagttaag ttgttctgtt tgggacctgg aaaagaacct 180
aaagaaaacc tgagtggaca ggttcatttc tggaatgcag aaaacatttt aaaggctaga 240
tttttagaat attctcaact agcattcttt ccattgattt gaaggggaat taactattat 300
aatctcttga atccaaaact ggatattaag aactttcccc cttactaagt ttaagacttt 360
tgtcatgtgg tgagtcaaact aagaccattt tgattgtaaa ccataaaaata gttcagcaag 420
tagccacag ttctggccta acagcagact tgctgttttc acttggtatc ctggagtgg 480
gttgctaacc ttaatttcta tgatgttttc taaaatgaaa cttgataaag tagaccacca 540
gctgcaccgt gttttctgta aaagtattgt tagtaagtgg ccaagagact tgaggaaaat 600
acagattttt tgggttacctt ggtcttgggt taagtcttaa aaaattaaag ataacattat 660
aatgtagaat cagatgggac atagtccttg taagcttnc tgggaaatgt tttaaattat 720
taggaagctt ttaaaagacc taaattgtac tctaaaagac actnaattgt ctaatgtaca 780
aaggn 785

<210> 3369
<211> 1000
<212> DNA
<213> Homo sapiens

ttcaaagagc	atctatgaat	ttgccttttg	tacttactgt	ggcttttaaac	atattcagaa	540
cagatgcttg	aaatatgcac	ttagcacttt	ggttnccat	ctgtctgggt	aaaccatgaa	600
gaaaatgaac	tgctgcctca	atcgaccag	acagcaccat	aggcagataa	agaattggnt	660
tcaccctggg	ggtggtaggc	atcgcggtg	acttttttn	ctctatatca	attttcagta	720
cggggaatag	attttaaaat	agattggctn	ataaattatg	aatctttaag	tagtagan	778

<210> 3365

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 3365

gtnnnnngtt	tgannnccat	cnttttatat	ncatttttct	actngttctt	tttgcagggg	60
tccctcgatt	cgaattcggc	acgagggg	aaaaagatga	ccgaaattca	aactcctgaa	120
aatactcctc	gtttatttga	tttagtaaaa	gtnaaagatg	agaaaattcg	ccaagctttt	180
tattttgctt	tacgagatac	cttagtagct	gacaacttgg	atcaagccac	aagagtagca	240
tatcaaaaag	atagaagatg	gagagtggta	actttacagg	gacaaatcat	agaacagtca	300
ggacaatgac	tggtgggtgga	agcaaagtaa	tgaaaggaag	aatgggttcc	tcacttgta	360
ttgaaatctc	tgaagaagag	gtaaacaaaa	tggaatcaca	gttgcaaaac	gactctaaaa	420
aagcaatgca	aatccaagaa	cagaaagtac	aacttgaaga	aagagtagtt	aagttacggc	480
atagtgaacg	agaaatgagg	aacacactta	gaaaaattta	ctgcaagcat	ccagcgttta	540
atanagcang	aagaatattt	gaatgtccaa	gttaaggaac	ttgaagctaa	tgtacttgct	600
acagcccctg	acaaaaaaag	cagaaattgc	tagaagaaac	gttggtgctt	aaacaaatat	660
gatgctgtgg	ctgagaagct	gtaaagtaaa	actgagttaa	ccttcccata	catcgtgaat	720
atatctactc	aggcacagca	cttgtaataa	tacataatat	gnnttg		765

<210> 3366

<211> 807

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(807)

<223> n = A,T,C or G

<400> 3366

ncttnaagcc	cttttaaanc	cgttcgaccc	atcgatccna	ntcaggancc	aancnanatc	60
naatctgnac	gaaggaaccc	cccncttga	gcnnaaactn	nncncttct	ggggcaanag	120
ggtggactgg	gnnnnangng	nanagagaga	acgcanggcc	annaaggana	gaaaacnntt	180
cagcanctca	atnaactg	ggccaagana	tctaccgctc	tcccttctcn	cacaagnacc	240
attggccttn	nnatcngaag	catttgacaa	aaacttgctt	gtttgggcct	gtcacctect	300
gaaaggctgn	tttagntgtg	gatgncctng	attaagggag	agagcaccta	ggagctgcct	360
gccccagctg	gggtgacggc	tgtagggctg	ggtctatggt	gcaagcccta	tatcctagcn	420
tgcagnggaa	agtgccttagc	tntgtncctg	ctgacctctg	ggcagncant	catcaaanca	480
nanagacgtg	gcngcntgtg	ggcagcatgc	ccaantnctt	tgcttgactn	agcactnatt	540
tctggtagnn	tnaaaaaaga	attnaangtt	tnttgggnnn	ntttttttgg	ggggngttga	600
ggggtggg	aaaaacatgg	ggggtagnnt	ttgagttggt	anaaaatgtn	tntgaatcaa	660
nntntntnt	nnaaacacga	tttgcttttt	taccatttat	aaagatgggn	cttatnaccc	720
acngnactgg	ataaaccttt	ngggtttttt	ttggtntgga	nttggttctt	tnaaaaaatt	780
tacccaattc	atgcctnng	ggntccn				807

nccctccgnt	tgactccgcc	agtgtgcag	nccctactct	ttcanagttg	ggagccctgg	360
gacccaggca	ccaattgttc	ttgcaaactc	accctgcggc	acatcaacaa	gtgcccanaa	420
cacgtgctga	ngcacacca	aggccggcgg	taccagcgag	cttttgtgta	aatatgaaga	480
atgtctnaag	caaggggtgg	agtacatgcc	tgctgcctgg	tgaccccgan	gangaagang	540
gaaggacaaa	tggacngtga	acggccttcg	cccgcgggaa	agcttctggg	agccccacatt	600
caatgatgaa	gggggagctg	caagtgatga	cagcatgaca	gacctgtnc	cctgactttt	660
caccagaagg	accttgaaca	cngaggatgg	ggatggactg	atgatttttg	acaacaaaga	720
ggttgaaagg	caaancccca	aaaaaaaggc	cttgtgaagg	cagganaaan	acaacctntc	780

<210> 3363

<211> 917

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(917)

<223> n = A,T,C or G

<400> 3363

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tgcgagggtt	tgggctttgg	ctcctgatat	gcagcgacag	aattttcggc	ccccaactcc	120
tccttaccct	ggtccgggtg	gaggaggttg	gggtagcgga	agcagcttcc	ggggaacccc	180
gggcgggggc	ggaccacggc	cgcctccccc	tcgagacggg	tacgggagtc	cgcaccacac	240
gcccgcgtac	gggccccggg	ctaggccgta	cgggagcagt	cactctccgc	gacacggcgg	300
cagcttcccc	gggggcccgg	tccggtctcc	gtcccctggc	ggctaccctg	gtcctacttc	360
caggctcccc	gcccgggtccc	agcagcaatt	cggctactcc	ccaaggcagg	annanaanca	420
nccncanggt	tntncaagga	catntacacc	atttgatca	nggcgtntta	naaaaaaaaa	480
aatgttaatg	anttggaaaa	ntatttnaaa	gcctttnaat	gnttnnnnna	atccttnggg	540
nttggcctta	naaanccaan	attntngtng	gnnggntntt	aannccnnnc	aantncnnnn	600
nnattncntt	naaaacnttt	nnnccanggn	cnnaaaaaaa	nggggnaann	aaaaaacttt	660
tttntttnaa	nnantttttt	tggaaaaattt	naaancntng	gaaaancntt	tnnntngttn	720
ntnangggaa	annantnttt	tgggnncnaa	aaaacntttt	naannntnn	nggttnnnan	780
nnnttaaaaa	ntttnncccc	ccaannnnnt	nnanngnanc	tttttnnantt	ngggantaaa	840
nttnnnnnna	nggggnnttt	tttnngnnna	atttnnnnnn	annnnnnnan	nnangggntt	900
ttngnnngna	annntnn					917

<210> 3364

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 3364

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agatcagagg	aggcttcttc	atccttcaac	tccatgatga	actcctatat	gaagtggcag	120
aagaagatgt	tggtcaggta	gctcagattg	tcaagaatga	aatggaaagt	gctgtaaaac	180
tgtctgtgaa	attgaaagtg	aaagtgaaaa	taggcgccag	ctggggagag	ctaaaggact	240
ttgatgtgta	actgtgctgt	tgatgaagtc	ctcccaggga	agcctgtgca	gatgcagtca	300
cctggaaaga	acagagatta	ccctttcacc	tacctcagca	aaacaaactt	tcaagtcttg	360
atagacttag	cctagtaatt	ttatagttag	agtttcaaac	tatatatcag	tgtctatagc	420
atcaaaaact	tctggggggc	tgggggaagt	agaataccaa	gtataatagt	tacattcact	480

<400> 3360

tnnnnnnttt	aaatccatta	gctacttggt	ctttttgcag	gatcccatcg	attcgtgcgg	60
gagcaccgga	gcctgcggct	ccagacggac	gcccgcgaagg	tgaggtgcat	cctgacaggt	120
cacgagctgc	cctgccgcct	gccggagctc	caggtctaca	cccgcggcaa	aaagtaccag	180
cggctgggtcc	gcgcctcccc	ggccttcgac	tatgcagagt	tcgagccgca	catcgtgccc	240
agcaccaana	accctgtagt	ggtcncggc	ggcgcgggga	ggcccagggc	aatnngacag	300
nccctccgnt	tgactccgcc	agtgtctgag	nccctactct	ttcanagttg	ggagccctgg	360
gacccaggca	ccaattgttc	ttgcaaactc	accctgcggc	acatcaacaa	gtgcccanaa	420
cacgtgctga	ngcacaccca	aggccggcgg	taccagcgag	cttttgtgta	aatatgaaga	480
atgtctnaag	caaggggtgg	agtacatgcc	tgctgcctgg	tgcacccgan	gangaagang	540
gaaggacaaa	tggacngtga	acggccttcg	cccgcgggaa	agcttctggg	agcccacatt	600
caatgatgaa	gggggagctg	caagtgatga	cagcatgaca	gacctgtnc	cctgactttt	660
caccagaagg	accttgaaca	cngaggatgg	ggatggactg	atgatttttg	acaacaaaga	720
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<210> 3361

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3361

tnnnnnnttt	aaatccatta	gctacttggt	ctttttgcag	gatcccatcg	attcgtgcgg	60
gagcaccgga	gcctgcggct	ccagacggac	gcccgcgaagg	tgaggtgcat	cctgacaggt	120
cacgagctgc	cctgccgcct	gccggagctc	caggtctaca	cccgcggcaa	aaagtaccag	180
cggctgggtcc	gcgcctcccc	ggccttcgac	tatgcagagt	tcgagccgca	catcgtgccc	240
agcaccaana	accctgtagt	ggtcncggc	ggcgcgggga	ggcccagggc	aatnngacag	300
nccctccgnt	tgactccgcc	agtgtctgag	nccctactct	ttcanagttg	ggagccctgg	360
gacccaggca	ccaattgttc	ttgcaaactc	accctgcggc	acatcaacaa	gtgcccanaa	420
cacgtgctga	ngcacaccca	aggccggcgg	taccagcgag	cttttgtgta	aatatgaaga	480
atgtctnaag	caaggggtgg	agtacatgcc	tgctgcctgg	tgcacccgan	gangaagang	540
gaaggacaaa	tggacngtga	acggccttcg	cccgcgggaa	agcttctggg	agcccacatt	600
caatgatgaa	gggggagctg	caagtgatga	cagcatgaca	gacctgtnc	cctgactttt	660
caccagaagg	accttgaaca	cngaggatgg	ggatggactg	atgatttttg	acaacaaaga	720
ggttgaaagg	caaancccca	aaaaaaaggc	cttgtgaagg	cagganaaan	acaacctntc	780

<210> 3362

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3362

tnnnnnnttt	aaatccatta	gctacttggt	ctttttgcag	gatcccatcg	attcgtgcgg	60
gagcaccgga	gcctgcggct	ccagacggac	gcccgcgaagg	tgaggtgcat	cctgacaggt	120
cacgagctgc	cctgccgcct	gccggagctc	caggtctaca	cccgcggcaa	aaagtaccag	180
cggctgggtcc	gcgcctcccc	ggccttcgac	tatgcagagt	tcgagccgca	catcgtgccc	240
agcaccaana	accctgtagt	ggtcncggc	ggcgcgggga	ggcccagggc	aatnngacag	300

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (705)

<223> n = A,T,C or G

<400> 3358

tatncatata	gctcttggtc	tttttgagg	atccctcgat	tcgaattcgg	cacgagaaga	60
gaagctgaga	cttctgcttc	cacacccct	gcaagtgtt	tcttgaaggc	ctgggtgtat	120
cggccaggag	aggacacgga	ggaggaggaa	gatgaggatg	tggatagtga	ggataaggaa	180
gatgattcag	aagcagcctt	gggagaagct	gagtcagacc	cacatccctc	ccacccggac	240
cagagggccc	acttcagggg	ctggggatat	cgacctggaa	agagacagag	gaagaggaag	300
ctgctgagga	ctggggagaa	gctgagccct	gccccctccg	agtggccatc	tatgtacctg	360
gagagaagcc	accgcctccc	tgggctcctc	ctagctgccc	tccgactgca	aaggcggctc	420
aagcgcccag	aaacccctac	tcatgatccg	gacctgaga	ctcccctaaa	ggccagaaag	480
gtgcgcttct	ccgagaaggt	cactgtccat	ttcctggctg	tctgggcagg	gcccggccang	540
ccgcccang	gccttgggag	cagcttgtcg	gacgcagcc	gttccacgcy	atacccaagc	600
ccagagactg	accctgctac	ctntgcccgc	aagctgcccc	tagaccactt	accctctgct	660
accaactgct	ctcttgctnn	ccagcaacac	cttngcantg	gcnac		705

<210> 3359

<211> 835

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (835)

<223> n = A,T,C or G

<400> 3359

tnnnmnnnttt	atnttttnata	caanctcttg	ttctttttgc	aggatcccat	cgattcgttt	60
ggattgattc	agggagaaat	ttgactgat	ggctcagaag	cttacgtcat	ggagagtatg	120
acctacctca	cagcagggat	gctggacca	cctggctttc	ccgactgctc	catcgaggca	180
gccatggtga	aggtgttcag	ctccgagccg	cctggcagtg	tgtgagttag	gcgctgcaga	240
tcctcggggg	cttgggctac	acaagggact	atccgtacga	gcgcatactg	cgtaaccccg	300
catcctcttc	atcttcgagg	gaaccaatga	gattctccgg	atgtacatcg	ccctgacggg	360
tctgcagcat	gccggccgca	tcctgactac	caggatccat	gagcttaaac	aggccaaagt	420
gagcacagtc	atggataacc	ttggccggag	gcttcggggac	tccctggggc	gaactgtgga	480
cctggggctg	acaggcaacc	atggagtgtg	gcacccagct	cttgccggaca	gtgccaaaca	540
gtttgaggag	aacacctact	gcttcggccg	gacccgtgga	gacacttntt	gttccgcttt	600
ggcaagaaca	tcattgganga	acaacttggg	acttgaaagc	gggtgggcaa	cattcctnat	660
tnaaccttgt	attggcatga	cnggcctgct	ttgtccgcng	ggccaanccg	cttccattcc	720
gcatttgggc	ttncgnaaan	ccaccgaacc	acganggnnt	ttntttgggn	ccaacaaccn	780
ttntggggtn	gggaaacctt	aactttgcaa	gaaaattttt	ttnaancctt	ntttt	835

<210> 3360

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (780)

<223> n = A,T,C or G

aagaaccttt ttnggttgga nnaaaaacat aatttgagcn ttcnnctttt nagaattccc 660
ctaaccatctc aggttggggtg gggngg 686

<210> 3356
<211> 790
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(790)
<223> n = A,T,C or G

<400> 3356
nnttnnnttt taaagacttn canctctttt tctttntgca ggatcccatc gattcgaatt 60
cggcacgggg ggagcaaata atangccctt gtgtgtgttt ttggcagana agccatgaag 120
acaagcagat gctaataaaa gaactctgcat ctttgnttgt tattccatgt taaaggngtg 180
aaataaaggt aanagaatat ttgtactgtt gttatccaaa tccatctcct gttctactct 240
ctattcaaaa taatcgtaca gtgactaaca gagctttcag accaacagta tttttatttt 300
tcattttaag ttcagggtac caacatttct tcccatggat gttgatggac gtgtcatcag 360
agctgactct ttttcaaaaa tcatttcctc tgggttgaga ataggatttt taactgggtcc 420
aaaaccctta atagagagag ttattttaca catacaagtt tcaacattgc accccagcac 480
ttttaaccag ctcacgatat cacagcttct acacgaatgg ggagaanaag gtttcatggc 540
tcacgttagac aggggttattg atttctatag taaccagaa ggatgcaata ctggcagctg 600
cagacaagtg gntaactggt ttggcagaat ggcagctcct gctgctggaa tgtttttatg 660
gattaaagtt aaaggcttaa tgatgtaaaa agaactgatt gaagaaaagg ccgttaaaat 720
gggggtatta aagctcctgg aaatgtttct cgctgatagc tcacttctan cccttacttg 780
agagcttctt 790

<210> 3357
<211> 686
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(686)
<223> n = A,T,C or G

<400> 3357
tgtgcncgga aagatnagcc aaatgctttc aaagagctng ggacaggaaa tagaatngct 60
acngtggctg atntatatga gtgatgtgtc tgcaggagga gccctgcttt tgctgaattg 120
gagctagtgt ttggcccaaa aaaggaactg ctgntttggn ataantgtn ngccannnga 180
nancgagatt atagtacacg gcntgcagcc tgtncaggtg ctagtggga acaaatgggt 240
atncaataaa tggctccatg aacgtggaca agaatnnnca agacctgtt cttntcagaa 300
ttggaatgac aaacnggctt cctttttct cctatngntg gtactcttat gtgtctgata 360
tacacatttc ctngtcttaa cnttnaggga gttacaattg actaaacact tcatgattgg 420
nttcacncca tganccctna tccanggtt tcatttgtgg acaattgctt acttttngg 480
ggtcttttaa aaaggnacnc gaaatcttca ttattgccgt aaaaacctta aagatctgtt 540
ggnantcaca agaagacaaa nggccgaaat tttaaagggg aggggaatttt tntattttna 600
aagaaccttt ttnggttgga nnaaaaacat aatttgagcn ttcnnctttt nagaattccc 660
ctaaccatctc aggttggggtg gggngg 686

<210> 3358
<211> 705
<212> DNA

ttgatgtaaa	tcagtcaaaag	gacccctgaag	gccttcgagt	atctttactat	ttggtacaag	420
acttgaaatg	tttagtcttc	agtcttattg	gattacactt	caagattaaa	ccaattttaa	480
ttgtatgttt	tcaggctgtt	tgtatatatta	attaagggat	ggganggggt	atttgtcatt	540
tacagtattg	gggtttttat	gaatgtgaag	caaacaaaaa	aaatttgtat	gtaaactgga	600
aataagaaaa	tacattagca	agccttaatg	ggtatcctta	ctttgagtcc	acatgggggt	660
ggacagtccc	cacaccccat	taaattcttg	taaatgaaag	ccccctttt	gttaaaaaat	720
ttgctcta	aaaaacatac	caaactctgg	nnnanaaaann	nnnnnnnnnn	nnnnnnnnnn	780
nnnct						785

<210> 3354

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 3354

ttacatcanc	tcttgctctt	tttgcaggat	ccctcgattc	gggctagcga	tttctacctg	60
cgctactacg	tagggcacia	gggcaagttt	gggcacgagt	ttctggagtt	cgaatttcgg	120
ccggacggaa	agcttagata	tgccaacaac	agcaattaca	aaaatgatgt	gatgatcaga	180
aaagaggctt	atgtgcacia	gagtgtaatg	gaagaactga	agagaattat	tgatgacagt	240
gaaattacaa	aagaagatga	tgctttgtgg	cctcccctga	tagggttggc	cgacaggagc	300
ttgaaattgt	aattggagat	gagcacatat	cttttaccac	atcaaaaaata	ggttctctta	360
ttgatgtaaa	tcagtcaaaag	gacccctgaag	gccttcgagt	atctttactat	ttggtacaag	420
acttgaaatg	tttagtcttc	agtcttattg	gattacactt	caagattaaa	ccaattttaa	480
ttgtatgttt	tcaggctgtt	tgtatatatta	attaagggat	ggganggggt	atttgtcatt	540
tacagtattg	gggtttttat	gaatgtgaag	caaacaaaaa	aaatttgtat	gtaaactgga	600
aataagaaaa	tacattagca	agccttaatg	ggtatcctta	ctttgagtcc	acatgggggt	660
ggacagtccc	cacaccccat	taaattcttg	taaatgaaag	ccccctttt	gttaaaaaat	720
ttgctcta	aaaaacatac	caaactctgg	nnnanaaaann	nnnnnnnnnn	nnnnnnnnnn	780
nnnct						785

<210> 3355

<211> 686

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(686)

<223> n = A,T,C or G

<400> 3355

tgtgcnogga	aagatnagcc	aatgcttttc	aaagagctng	ggacaggaaa	tagaatngct	60
acngtggctg	atntatatga	gtgatgtgtc	tgcaggagga	gccctgcttt	tgctgaattg	120
gagctagtgt	ttggcccaaa	aaaggaactg	ctgntttggn	ataanctgtg	ngccannnga	180
nancgagatt	atagtacacg	gcntgcagcc	tgtncagggtg	ctagttaggca	acaaatgggt	240
atncaataaa	tggctccatg	aacgtggaca	agaatnnnca	agaccttggt	cttntcagaa	300
ttggaatgac	aaacnggctt	ccctttttct	cctatngntg	gtactcttat	gtgtctgata	360
tacacatttc	ctngtcttaa	cnttnaggga	gttacaattg	actaaacact	tcatgattgg	420
nttcacncca	tganccctna	tcccanggtt	tcatttgggtg	acaattgctt	acttttgnng	480
ggtcttttaa	aaaggnacnc	gaaatcttca	ttattgccgt	aaaaacctta	aagatctggt	540
ggnantcaca	agaagacaaa	nggccgaaat	tttaaagggg	agggaatttt	tntatttttna	600

ngacctattc	ttcaggatta	caggtacact	ggntgcaagc	catgcatgga	tggnttttct	420
taatnntnca	gtngatttgc	tctnaannca	nctgcanatg	aaaacanttg	gcgagtnggg	480
ngncnggact	ttgaccata	nagggggcgt	nggccacttc	acatgatggg	cgggggctat	540
tgggaccaca	aatnaaaggc	cngcntggac	ancaaacntg	ggaaaaaann	naagaangaa	600
aaaccacnnt	aaagngaaaa	nacangcntg	accttgggag	aggaaaaaaa	aaccaagttt	660
taaccggttn	atggttcatt	cattnaaaaa	aacctnnanc	ntcggacttg	tattttggag	720
gggatttaan	taccnaaana	atngggncct	tattttttnan	aataaagcnn	anaacctttt	780
accnaaagaa	ancccnannt	ttgggaatan	tggcnatntc	taaangggan	cccatnnggg	840
attnaacntt	gtnaaaaatt	aactaanact	ttcgggggaa	aagttgncna	aatngaaggt	900
ggntcanaaa	naaaanaaga	anng				924

<210> 3352

<211> 924

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (924)

<223> n = A,T,C or G

<400> 3352

annnnngnnn	nnnnnnnnnn	annagnnnnn	nagnngttga	ntttgaaacc	tttagccctt	60
ttgcagancc	caccgnttcn	gnagatgatg	tggatanact	tggatactcc	cttgagtggg	120
anatanngt	gttcagactg	nncaagtnta	ntccanaga	ctttgaagtc	tgctaccag	180
aggagcctct	cagggactgg	ccggagatct	ccctgctgac	cgagaacgac	cgccactacc	240
acattccagt	cntttaannc	cgctgggggc	cnaacagcag	ngctcaccag	tgacgggtgg	300
cacagttgcn	ataaagtngt	ctctgaaacc	aaagctagca	tttcacnatg	gaaggaatta	360
ngacctattc	ttcaggatta	caggtacact	ggntgcaagc	catgcatgga	tggnttttct	420
taatnntnca	gtngatttgc	tctnaannca	nctgcanatg	aaaacanttg	gcgagtnggg	480
ngncnggact	ttgaccata	nagggggcgt	nggccacttc	acatgatggg	cgggggctat	540
tgggaccaca	aatnaaaggc	cngcntggac	ancaaacntg	ggaaaaaann	naagaangaa	600
aaaccacnnt	aaagngaaaa	nacangcntg	accttgggag	aggaaaaaaa	aaccaagttt	660
taaccggttn	atggttcatt	cattnaaaaa	aacctnnanc	ntcggacttg	tattttggag	720
gggatttaan	taccnaaana	atngggncct	tattttttnan	aataaagcnn	anaacctttt	780
accnaaagaa	ancccnannt	ttgggaatan	tggcnatntc	taaangggan	cccatnnggg	840
attnaacntt	gtnaaaaatt	aactaanact	ttcgggggaa	aagttgncna	aatngaaggt	900
ggntcanaaa	naaaanaaga	anng				924

<210> 3353

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (785)

<223> n = A,T,C or G

<400> 3353

ttacatcanc	tcttgttctt	tttgaggat	ccctcgatc	gggctagcga	tttctacctg	60
cgctactacg	tagggcacia	gggcaagttt	gggcacgagt	ttctggagtt	cgaatttcgg	120
ccggacggaa	agcttagata	tgccaacaac	agcaattaca	aaaatgatgt	gatgatcaga	180
aaagaggctt	atgtgcacia	gagtgtaatg	gaagaactga	agagaattat	tgatgacagt	240
gaaattacaa	agaagatga	tgctttgtgg	cctcccctga	taggggttggc	cgacaggagc	300
ttgaaattgt	aattggagat	gagcacatat	cttttaccac	atcaaaaata	ggttctctta	360

<400> 3349

atacagctct	tgttcttttt	gcaggatccc	atcgattcga	attcggcacg	aggactgttc	60
atcctaagtt	ccactataaa	caggctcatg	actcgggcac	agacacttct	tgcgtgactt	120
tttcctatga	tggtaatgtc	cttgcccttc	gtggagggtga	cgattcatta	aaattatggg	180
acatccgaca	atttaataaa	ccactttttt	cagcctcggg	tcttnccacc	atgttcccaa	240
tgactgactg	ctgtttcagt	ccagatgata	agctcattca	ctggtacatc	tattcaaaga	300
ggatgtggca	gcggcaaaact	tgttttcttt	gagcgtagga	ctttccaaag	ggtgtatgaa	360
atagacatca	cagatgcgag	tgttgntcgc	tgccgtgtggc	atccaaagct	gaaccanac	420
atgggttgaa	ctggaaatgg	attggctaaa	gtctattacg	acccacaaag	agtcagaggg	480
gagcaaaatt	atgtgtggtt	aaaaccacgc	ggaaggcaaa	acaagctgag	actctaactc	540
aggactacat	catcacccct	catgccttgc	ctatgttncg	ngagccccgc	caacggagta	600
caaggnaaca	gctggagaaan	gacagactgg	atcccttgaa	gtcgcataaa	cctgaacctn	660
ctgtaccaag	gcccaggtcg	tgggtggcga	ntttggaacc	cacnggggca	cttttttttt	720
ctatattggg	aanaacattg	ttttggacaa	aancgatgac	agtaattctt	cgggaagcn	779

<210> 3350

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 3350

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ataatgagat	cttacctaac	tgggaaacaa	tgtggtgctc	tagaaaagtt	cgagatttat	120
ggtggcaggg	aatccctcca	agtgtgagag	gcaaagtctg	gagcttagcc	attggcaacg	180
agttaaatat	caccacagag	ctctttgaca	tctgtcttgc	ccgagccaag	gagaggtggc	240
ggtcccttag	cacaggaggc	tctgaagtgg	agaacgaaga	tgctggtttt	tcagcagcag	300
acagagaagc	cagtctggag	cttattaaac	tggacatttc	tagaacattt	cctaattctt	360
gcattttcca	gcaaggtggt	ccatatcatg	acatgttgca	cagtattttg	ggcgcttata	420
cttggttaccg	gccagatgtg	ggttatgtcc	agggcatgtc	cttcatagca	gcagtgttga	480
tcttgaactt	agatactgca	gatgccttta	ttgccttttc	taaccttctg	aataaaccct	540
gtcaaatggc	gtttttttaga	gtggaccatg	gccttatgtt	gacttatttt	gctgctcctc	600
cagaggtctg	cacactccac	ttcacatgcc	gttgactctc	acagtctaag	acttcagggc	660
cgggaccttt	gtccagcctg	cacagtagag	tgaggctgcc	tctc		704

<210> 3351

<211> 924

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(924)

<223> n = A,T,C or G

<400> 3351

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ttgcagancc	caccgnttcn	gnagatgatg	tggatanact	tggatactcc	cttgagtggg	120
anatanngt	gttcagactg	nncaagtnta	ntccanaga	ctttgaagtc	tgctaccacg	180
aggagcctct	cagggactgg	ccggagatct	ccctgctgac	cgagaacgac	cgccactacc	240
acattccagt	cntttaannc	cgctgggggc	cnaacagcag	ngctcaccag	tgacggtggt	300
cacagttgcn	ataaagtngt	ctctgaaacc	aaagctagca	tttcacnatg	gaaggaatta	360

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(705)

<223> n = A,T,C or G

<400> 3347

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ctagtataat	cttgatgctc	aaaccagata	aggacaatac	aagaaaggaa	gagtataggc	120
taattctacc	caataactaa	atgaagtatt	agcaaaccag	attcatcaat	aatcttttaa	180
aatcaagaa	ttaattggat	ttaggaatat	aacactgtgt	ataacaagtt	taagagaaat	240
atatgagaat	gataagactg	caattgaaag	tagaggcttt	ctctggaggg	aaaggtgagg	300
aggatgtgat	ttggaagaac	agcatgggga	ggcatcagtt	gtattgtaat	gtttatTTTT	360
taagctgaat	gataggtacg	tagatgttca	ttgtgttctt	tttgcttttt	tgtatatctt	420
aaatatatgg	tagtgccatg	attagcaggc	ttaatagcct	tgtgagttta	aatgtcactt	480
tcaaatgctg	tatttttggg	ggagttgctt	aaacacattc	cccttggaat	ctatacaacc	540
agttaaaaaa	atcatgtata	aaccaccatg	aaatataatg	aaatgtactg	tatatgcatt	600
ttcatgaatg	ttgtgtcaaa	gggctttag	gaaaaaaga	tcgttaactc	ttttgcattc	660
agtgaaaata	ggtggctttg	gaaatagttt	cagccttgct	aacac		705

<210> 3348

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 3348

ctaagtctgg	cngcttggtc	tttttgcagg	atcccatcga	ttcggaatga	gagctgctat	60
ttgtgtttta	aaagaccata	cagggccagc	cacagtggct	cacacctgta	atcccagcac	120
tttgggaggt	cnatgtgttt	ncacnctnt	tnntnagnan	nantntgtca	tggaggctta	180
ntttgtggng	tntgatgnca	tactgntagg	ccaacatgtg	tecnaggnan	agnngnangn	240
tnangccatt	agcntgggtg	aaacttgccg	gatgttgatg	ctctantaag	anccgnatgt	300
gccattnttg	aactnttttag	tantgangga	gtcntgggtg	tcaanatgga	tnacanatg	360
cctanttacc	cgnnctngnc	taacnagant	ntgcccacac	ttcatgtcat	gaaggnnntn	420
nantctttta	ttcccanngt	tnectnaaac	gaacantttg	cctgnacaca	ttttctactg	480
gnaccttacn	aatnaggtta	tcccgatnt	tcntgattac	ttttcttctg	cnnnngana	540
tngtgectnt	caccctactc	ctntatecnt	ccattnacct	nttaggccat	ncnccataac	600
gnntgcan	tntnancntc	cctnntnang	aattttctaa	atangnntta	attctctnnc	660
ctnacnttnc	tcttcnnttc	cnngnatttn	nnttnnnntt	cnctnttngn	tnncnccnt	720
antteaancn	nctcttaant	ttngcnnttc	ctcnnttcnn	t		761

<210> 3349

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

cagctgggcc	tcaagtacct	ctttatcctt	ggtattcaga	ttctggcctg	tgccttggca	240
gcctccatcc	ttcgcaggca	tctcatggtc	tggaaagtgt	ttgcccctaa	gttcatatct	300
gaggctgtgg	gcttcattgt	gagcagcgtg	ggacttctcc	tgggcatagc	tttgggtgatg	360
agagtggatg	gtgctgtgag	ctcctgggtc	aggcagctat	ttctggccca	gcagaggtag	420
cctagtctgt	gattactggc	acttggctac	agagagtgtc	ggagaacagt	gtagcctggc	480
ctgtacaggt	actggatgat	ctgcaagaca	ggctcagcca	tactcttact	atcatgcagc	540
caggggccgc	tgacatctag	gacttcatta	ttctataatt	caggaccaca	gtggagtatg	600
atccctaact	cctgatttgg	atgcattctga	gggacaaggg	gggcggtctc	cgaagtggaa	660
taaaataggc	cgggcgtggg	gactttgcac	ctataatccc	agcactttgg	gan	713

<210> 3345

<211> 710

<212> DNA

<213> Homo sapiens

<400> 3345

ctaagtctgg	gctgcttgtt	ctttttgcag	gatcccatcg	attcggaaaa	gttaaaaaag	60
acattgagtg	atgtaatcca	ccctgggggc	aatagccata	ttgccaatgg	tgcggccggg	120
tgtgtggcaa	cattacttca	tgatgcagcc	atgaaccctg	cggaagtggg	caagcagagg	180
atgcagatgt	acaactcacc	ataccaccgg	gtgacagact	gtgtacgggc	agtgtggcaa	240
aatgaagggg	ccggggcctt	ttaccgcagc	tacaccaccc	agctgaccat	gaacgttcct	300
ttccaagcca	ttcacttcat	gacctatgaa	ttcctgcagg	agcactttaa	ccccagaga	360
cggtaacaac	caagctccca	cgctctctct	ggagcttgcg	caggagctgt	agctgccgca	420
gccacaaccc	cactggacgt	ttgcaaaaaca	ctgctcaaca	cccaggagtc	cttggctttg	480
aactcacaca	ttacaggaca	tatcacaggc	atggctagtg	ccttcaggac	ggtatatcaa	540
gtagggtggg	tgaccgccta	tttccgaggg	gtgcaggcca	gagtaattta	ccagatcccc	600
tccacagcca	tcgcatgggc	tgtgtatgag	ttcttcaaat	acctaataac	taaaaggcaa	660
gaagagtggg	gggctggcaa	gtgaagtagc	actgaacgaa	gccagggggt		710

<210> 3346

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (712)

<223> n = A,T,C or G

<400> 3346

gtntaatng	ngngctcncg	gcnngtccgc	aacagcccng	cggntcgaat	tccggcacgag	60
gccttttgtg	gggtctcata	cataactcag	tttccacaaa	gctgtgcccc	agctcagccc	120
tatggataga	agcatgggtc	ggggttcctt	tgctgaccag	ggtgtgtgct	ttgtccaagt	180
tactgacctt	cccaaaccct	atcaatgcac	ataaaaagag	cacttgcaaa	caatgaatct	240
agacatggac	cttcacaaa	aaataactca	aaatggatcc	caggcctaaa	tgaaaaatga	300
aaaactataa	aactcctaga	agataacata	aaagaagatc	tagatgacct	agggtttggc	360
aatgactttt	tagatccagc	accaaaggca	ggatccagga	aagaaataat	tgataagctg	420
gacttcatta	aaacgaaaac	ttctgctctg	tgaaagatgc	tgccaaaaaa	tgaaaagaca	480
agccacagac	tgggagaaaa	tatttttgat	ggaaatatct	gagaagagag	gcttgttatc	540
caaaatatac	aaagaatttc	taaaactcaa	taatttgaaa	ataaacaacc	caatttaaaa	600
agtgggccaa	agatcttaaa	tgacgcctca	ccaaagaaga	tacacagatg	gcaaataagc	660
atatgaaaag	atgctcccgg	ctgggcacgg	tggtcacgc	ccgtaatccc	gc	712

<210> 3347

<211> 705

<212> DNA

<221> misc_feature
 <222> (1)...(715)
 <223> n = A,T,C or G

<400> 3342

gtcctanagt	gtgggtctcgn	cnnnccgnan	gagntngggcg	ggngcgaatt	cggcagcagc	60
agaacttcac	agcagcctgt	cctcatcagc	aacccaacca	ccttcacag	caacccaacc	120
accttcacat	gcaacccaac	cacctcgtca	gcaacccaac	cacctcgtca	gcaaccagc	180
caccttcac	agcaacccaa	ccacctcatc	agcaaccag	ccaccttcac	cagcaaccca	240
accacctcat	cagcaaacca	accactttca	tctgcaaccc	aaccactttc	atcagcaact	300
caacaccttc	atctgcaacc	caaccacctt	catcagcaaa	ccaaccacct	tcttcagcaa	360
cccaaccacc	tcaccttgga	gaaggagaag	gaactgcaag	ccaccaagtc	ttcatttttc	420
agggtttgta	atcttcccaa	agttttccct	tgaaaatagg	ataatgggtg	gaattttcag	480
agtgattaca	tacctcaaca	tttttattaa	catacaacaa	tgggaaagtt	catcatccat	540
atactgcagt	cacttaacaa	acagccaatt	attgcaagat	tagaattgga	gatcttgtcc	600
tcaaaagtat	aaatngtcct	ttgagttata	gaaaataatg	gaattgggat	ttctacatat	660
cattattata	cctatttttaa	atttaatggg	cagccaggca	tggttccagc	tacnt	715

<210> 3343
 <211> 708
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(708)
 <223> n = A,T,C or G

<400> 3343

ctaagtctgg	ctngctcggt	ctntccgcag	tancctctga	gtcgaattcg	gcacgagact	60
gcctccttcc	acacgagtg	ccctttggcc	aaagaagatt	attatcagat	attaggagtg	120
cctcgaaatg	ccagccagaa	agagatcaag	aaagcctatt	atcagctgct	ctgctcagtt	180
agtttttatt	cccggggtag	caagcagctg	cacagtcggt	gcctgggagg	cacgtagagg	240
cccctggctc	aggcagagg	agatgggttag	actcttgtag	ggctaaaact	ctaatttggg	300
attgaatatt	gtggatatct	tagttaaagg	ccatgcttac	agcttagaaa	tgaagcetta	360
agctgcatca	tcatatcgcc	ctgtgtgggt	tgcaggggag	caggacaagc	caagcagaaa	420
aagcgagtga	tgatccctgt	gcctgcagga	gtcgaggatg	gccagaccgt	gaggatgcct	480
gtgggaaaaa	gggaaatttt	cattacgttc	aggggtgcaga	aaagccctgt	gttccggagg	540
gacggcgtag	acatccactc	cgacctcttt	atttctatag	ctcaggctct	tcttggggga	600
acagccagag	cccagggcct	gtacgagacg	atcaacgtga	cgatcccccc	tgggactcag	660
acagaccaga	agattcggat	gggtgggaaa	ggcatcccc	ggattaac		708

<210> 3344
 <211> 713
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(713)
 <223> n = A,T,C or G

<400> 3344

gtnnctaata	ctgggctctc	gtncctttctc	gcagtanccc	ntcgattcga	attcggcagc	60
aggagacagc	agccccagc	gaatgaagct	gatgccagag	tcagacccga	ggaggaagag	120
gagccactga	tggagatg	gctccgggat	gcgcctcagc	acttctatgc	agcactgctg	180

gtgagtcgta ttacgtagat ccagacatga taagatacat tgatga

706

<210> 3340

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 3340

ctaagtctgg	tngtctngttc	tttccgcagg	atcccatcga	ttcgaattcg	gcacgaggcg	60
acatcagaag	atcattgagg	aggccccagc	gcctgggtatt	aaatctgaag	taagaaaaaa	120
gctgggagaa	gctgcagtc	gagctgctaa	agctgtaaat	tatgttggag	cagggactgt	180
ggagtttatt	atggactcaa	aacataattt	ctgtttcatg	gagatgaata	caaggctgca	240
agtggaaacat	cctgttactg	agatgatcac	aggaactgac	ttggtggagt	ggcagcttag	300
aattgcagca	ggagagaaga	ttcctttgag	ccaggaagaa	ataactctgc	agggccatgc	360
cttcgaagct	agaatatatg	cagaagatcc	tagcaataac	ttcatgcctg	tggcaggccc	420
attagtgcac	ctctctactc	ctcgagcaga	cccttcacc	aggattgaaa	ctggagtacg	480
gcaaggagac	gaagtttccg	tgcatattga	cccatgatt	gcgaagctgg	tcgtgtgggc	540
agcagatcgc	caggcgccat	tgacaaaact	gaggtacagc	cttcgtcagt	acaatattgt	600
tggactgcc	accaacattg	acttcttact	caacctgtct	ggccacccag	agtttgaagc	660
tgggaacgtg	cacactgatt	tcacccctca	acaccacaaa	cagttg		706

<210> 3341

<211> 709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(709)

<223> n = A,T,C or G

<400> 3341

nnctaagtct	gggtctgctng	nnctttntcg	caggatccca	tcgattcgaa	ttcggcacga	60
ggtacgagag	tctgttgaac	aacaggctga	tagtttcaaa	gcaacacgtt	ttaaccttga	120
aactgaatgg	aagaataact	atcctcgcct	gcgggaactt	gaccggaatg	aactatttga	180
aaaagctaaa	aatgaaatcc	ttgatgaagt	tatcagtctg	agccagggtta	caccaaaca	240
ttgggaggaa	atccttcaac	aatcctttgtg	ggaaagagta	tcaactcatg	tgattgaaaa	300
catctacctt	ccagctgcgc	agaccatgaa	ttcaggaact	tttaacacca	cagtggatat	360
caagcttaaa	cagtggactg	ataaacaact	tcctaataaa	gcagtagagg	ttgcttggga	420
gaccctacaa	gaagaatttt	cccgcctttat	gacagaaccg	aaagggaaaag	agcatgatga	480
catatttgat	aaacttaaaag	aggccgttaa	ggaagaaagt	attaaacgac	acaagtggaa	540
tgactttgcg	gaggacagct	tgagggttat	tcaacacaat	gctttggaag	accgatccat	600
atctgataaa	cagcaatggg	atgcagctat	ttattttatg	gaagaggctc	tgagggtcgc	660
tctcaaggat	actgaaaatg	caattgaaaa	catggtgggt	ccagactgc		709

<210> 3342

<211> 715

<212> DNA

<213> Homo sapiens

<220>

cagccacaac	catcctgctg	cttctgaagg	tttggtgctg	ggtgggcttt	cccctcactg	300
tcattggagg	catctttggg	aagaacaacg	ccagcccctt	tgatgcaccc	tgtcgcacca	360
agaacatcgc	ccgggagatt	ccaccccagc	cctggtacaa	gtctactgtc	atccacatga	420
ctgttgagg	cttcctgcct	ttcagtcca	tctctgtgga	gctgtactac	atctttgcca	480
cagtatgggg	tcgggagcag	tacactttgt	acggcatcct	cttctttgtc	ttcgccatcc	540
tgctgagtgt	gggggcttgc	atctccattg	cactcaccta	cttcagttg	tctggggagg	600
attaccgctg	gtgggtggcg	tctgtgctga	gtgttggtc	caccggcctc	ttcatcttcc	660
tctactcagt	tttctattat	gcccggcgct	ccaacatgtc	tgg		703

<210> 3338

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 3338

ctaattgctg	cngcttgctt	tttttgcagg	atcccatcga	ttcggaatga	gagctgctat	60
ttgtgtttaa	aaagaccata	cagggccagc	cacagtggct	cacacctgta	atcccagcac	120
tttgggagg	cnatgtgtt	ncacnnctnt	tnntnagnan	nantntgtca	tggaggctta	180
ntttgtggng	tntgatgnca	tactgntagg	ccaacatgtg	tccnaggnan	agnngnangn	240
tnangccatt	agcttggtgn	aaacttgccg	gatgttgatg	ctctantaag	anccgnatgt	300
gccatttntg	aactnttttag	tantgangga	gtcntggtn	tcaanatgga	tntacanatg	360
cctanttacc	cgnnontgnc	taacnagant	ntgcccaccc	ttcatgtcat	gaaggnnntn	420
nantctttta	ttcccanngt	tnctnaaac	gaacantttg	cctgnacaca	ttttctactg	480
gnaccttacn	aatnagggtta	tcccgnatnt	tctngattac	ttttctctctg	cnnnngana	540
tngtgceent	caccctactc	ctntatccnt	ccattnacct	nttaggccat	ncncctaaac	600
gnnttgcan	tntnancntc	cctnntnang	aattttctaa	atangnntta	attctctnnc	660
ctnacnttnc	tcttennttc	cnngnattn	nnttnnnntt	cnetnttngn	tntencenct	720
anttcaancn	netcttaant	ttngcnnntc	ctcnnttcnn	t		761

<210> 3339

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 3339

nctaattgctg	ggctatcggt	ctttccgcag	nanccentcg	attcgagtgg	ctgagtggag	60
gcgcccagac	ctgggcaggc	agcaggetca	ggcccacacc	ttgtgatttt	tgaaacacaaa	120
gccagaaga	tgatgtttac	ttctctctcc	ctggtctctg	ccttcttact	gcaaaccatg	180
ctgtgcctta	gggccttct	catagctgtt	cctcatggcc	atgactggaa	cagggatgca	240
acctctttct	acacaagcac	agttagtgtg	gtgaagtctt	tnntttgttt	gttttagacg	300
gagtttcact	cttgttgccc	aggctggagt	gaagtggcgt	gaccttggct	cactgcaacc	360
tccaggccag	cctcagcctc	cctagtagct	gggactacag	gcaccacta	ccacgcctgg	420
ctaattcttt	gtatttttag	tagagatggg	gtttgaccgt	gttagccagg	atgggtctga	480
tctcctgacc	tcgtgateca	cccacctcgg	cctcccaaag	tgctgggatt	ataggtgtga	540
gccaccgcgc	cgggcgggtt	gctggcatct	taatgttctg	taggtggaat	atttccaata	600
aacacaaggt	gccgtaattg	aaaaaaaaana	aaaaaaaaaac	ttcgagcctc	tagaactata	660

<223> n = A,T,C or G

<400> 3335

gtncctaann	ngngtgnggg	cangctenta	tctctnaana	gaattgggct	ttgtcgaatt	60
ccgcncggag	acantctgan	cgtgctngag	cagctgatta	tcaagcccgg	gggtgcgccag	120
atccatctgt	ncnacggacn	ngcgcggnnt	gaccgagcat	gaggctgcct	gaangangac	180
caggggctnt	ttgtncacan	gngtccaggn	cannaccgct	gnntnccttg	tggtgntgng	240
ctatggngnc	cagntnttgc	acattgacan	acttnactgc	actgggtggg	agctcgcaca	300
ttngcccatt	tgtggtagaa	tcaaggcate	acccgataag	attgncgtgg	tggaacgctc	360
acagtccgac	canttngact	gtcaccatgc	canntgacag	catnnatact	ttctngcttn	420
tagatcacta	cggggaagat	actctctatn	gtcaanggga	nntatncttc	cgaaactgcc	480
tectnancnn	ccnctanncn	tntgacngat	accgtcanaa	nnatatctgn	ctgaaggncn	540
natatatent	ngcatatncn	nganncgat	ggnancgntn	tanccttnac	cntnatcccn	600
agtgcganct	tactatcnca	tnntnnaann	agtttgnttt	cncttctggg	anancacacc	660
catggacnac	tgcatecnca	gatgccttna	ttcactgnta	nccttggcct	gcactnnngn	720
gctttccctc	cttanc					736

<210> 3336

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (706)

<223> n = A,T,C or G

<400> 3336

nnncaatgct	ggctgctcgt	tctttccgca	gganccanc	gattcgaatt	cggcacgagg	60
aaatgtgtat	ttcagtgaca	atttcgtggt	cttttttagag	gtatatcca	aaatttcctt	120
gtatttttag	gttatgcaac	taataaaaaac	taccttacat	taattaatta	cagttttcta	180
cacatggtaa	tacaggatat	gctactgatt	taggaagttt	ttaagttcat	ggtattctct	240
tgattccaac	aaagtgtgat	tttctcttgt	attacatttt	ttatttttca	aattggatga	300
taattttctg	gaaacatttt	ttatgtttta	gtaaacagta	tttttttgtt	gtttcaaact	360
gaagtttact	gagagatcca	tcaaattgaa	caatctgttg	taatttaaaa	ttttggccac	420
ttttttcaga	ttttacatca	ttcttgctga	acttcaactt	gaaattgttt	ttttttttct	480
ttttggatgt	gaagggtgaac	attcctgatt	tttgtctgat	gtgaaaaagc	cttggtattt	540
tacattttga	aaattcaaag	aagcttaata	taaaagtgtg	cattctactc	aggaaaaagc	600
atcttcttgt	atatgtctta	aatgtatttt	tgtcctcata	tacagaaagt	tcttaattga	660
ttttacagtc	tgtaatgctt	gatgttttaa	aataataaca	ttttng		706

<210> 3337

<211> 703

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (703)

<223> n = A,T,C or G

<400> 3337

caatggctgg	tngetngtte	tttttgagg	atcccatcga	ttcgtgtgga	gaaccttctt	60
tttctatggg	aatcacttc	tggagttggc	aagaatggag	aatgggtgtg	tggaacgc	120
cttggaaggt	gtgcatgtgg	aacatcattc	tcaccaccag	tctcttctct	gtgcctttct	180
tcctgacgtg	gagtggtgtg	aactcagtgc	attggggcaa	tggttcgaca	caggctctgc	240

<210> 3333
 <211> 703
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(703)
 <223> n = A,T,C or G

<400> 3333

tgctgggcta	aatgctggnn	atcgntcttt	ccgcantaga	acnnncgatt	cgaattcggc	60
acgaggctac	ctgggcgggc	acgggctgga	cgtggacgtg	cccacgcgtc	tgaggggctg	120
gttcttctgc	acgcccgcgc	gcaagctgct	ctggctgggtg	ctgcagccct	tcttctactc	180
actacggcgc	ctctgcgtcc	accccaaggc	cgtgaccgcg	atggaggtgc	tcaacacgct	240
ggtgcagctg	gcggcgagcc	tggccatctt	tgccctttgg	gggctcaagc	ccgtgggtcta	300
cctgctggcc	agctccttcc	tgggcctggg	cctgcacccc	atctcggggc	acttcgtggc	360
cgagcactac	atgttccctca	agggccacga	gacctactcc	tactatgggc	ctctcaactg	420
gatcaccttc	aatgtgggct	accacgtgga	gcaccacgac	ttccccagca	tcccgggcta	480
caaccctgcg	ctgggtgcga	agatcgcgcc	cgagtactac	gaccacctgc	cgcagcacca	540
ctcctgggtg	aagggtgctct	gggattttgt	gtttgaggac	tccctggggc	cctatgccag	600
ggtgaagcgg	gtgtacaggc	tggcaaaaaga	tgggtctgtga	gcccaggctg	cctcctgggtg	660
gtggccattg	tcccccatcg	gcccctcacc	ttgcacccca	ncn		703

<210> 3334
 <211> 696
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(696)
 <223> n = A,T,C or G

<400> 3334

tgctgggctc	tngttctttt	ngcaggancc	catcgattcg	aattcggcac	gagaaggacc	60
tgcagcttca	gcatcacttg	agaagtgtgt	aggaatgcat	actagtgggc	cccgccecca	120
gacatagtga	atcagaaacc	aacagggagg	cgcctagcat	tgttttttta	acaagtgtctg	180
ggttattctg	atgcacagtc	tagtttaaga	accactactt	tgggtaaacg	ttttgactgt	240
ttaaagttta	tggcggtgaa	gtgggcatct	tcaaagacta	gtacttacac	agtttagaag	300
atttcaaggt	actgctgaca	gtagtattat	atgtcagtat	acatacgtgt	agagatcata	360
atttagttcc	cttcttaatg	ttacaatttc	ttagtttact	tttcctaaag	ggccatagca	420
taattcttga	ttcctgggtg	aaatcttttc	tgaggtgtgg	gggtgggcaa	ggtgtggatt	480
gctgtttacg	atagtgcctt	cattagtttt	agttctgtct	gttttcattc	attattgact	540
caaaggtatt	agaacaggcc	cttatctttt	tcctattaga	tttatttttg	ttttttactt	600
tatgtaagtt	cagaatcctt	ttttaagtga	tgactactga	tgaaataaat	ttactagtag	660
ctgaatttta	gacttgatgc	tatgttgatt	aatatn			696

<210> 3335
 <211> 736
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(736)

aaacacagca	cccaggtctg	ctctgaatcc	tggaggatct	ggccctcctc	tcaacccccca	420
ctcacagtca	ccgtcttaca	actcagggcc	acctgggac	agtcacagc	caggggtgcgt	480
aagccttgaa	taccaggtag	cctcaggagt	gaaaagataa	atgtcctaga	tcattacctt	540
attcagtgtc	cccaccttgc	agcgcatcc	aaccacctgg	gagcatttaa	aactccagat	600
gcccacacca	caccctgggg	cccccatcag	accttntgga	agcaagacct	gggcctncat	660
ggncccnaaa	actcctaggg	gatccgatgt	gcagccnaat	cttgaaangg	cccatttaaa	720
aaanaaagaa	catgggtggt	acattgggga	gtnttta			757

<210> 3331

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 3331

gnnnnntnnn	nnnnntttnt	nnanatacag	gctacttggt	ctttttgcag	gatcccatcg	60
attcgtctcc	ttgcctttct	cctgaaaggt	atgagactac	ttgccttact	gtcatattat	120
tgaggggaat	cagccgcaaa	gcctgnggaa	aatgaacagt	agctgtgggg	tcaaagccat	180
gtctccaggt	tcacgggctc	actccccca	ggacaagcct	agttaggtag	tgggctgcat	240
ctgggtatcc	ctgggacaga	aatgcagggtg	agaaggggta	tcaagaatgc	ctcgagcctc	300
tagaactata	gtgagtcgta	ttacgtagat	ccagacatga	taagatacat	tgatgagttt	360
ggacaaacca	caactagaat	gcagtgaaaa	aaatgcttta	tttgtgaaat	ttgtgatgct	420
attgctttat	ttgtaaccat	tataagctgc	aataaacaag	ttaacaacaa	caattgcatt	480
cattttatgt	ttcaggttca	gggggaggtg	tgggaggttt	tttaattcgc	ggcgcggcg	540
ccaatgcatt	gggcccggta	cccagctttt	gttcccttta	gtgaggggta	attgcgcctt	600
tggecgtaatc	atggtcatag	ctgtttcctg	tgtgaaattg	ttatccgctc	acaattccac	660
acaacatacc	agccgggagc	ataaagtgtg	aagcctgggg	tgccataatga	gtgagctact	720
cacattaatt	gcgttgccctc	actgcccttt	ccaan			755

<210> 3332

<211> 705

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(705)

<223> n = A,T,C or G

<400> 3332

caatgctggt	tctngttctt	tttgcaggat	cccatcgatt	cgaattcggc	acgaggggatg	60
acccatgccca	aaaatactat	gagctcttac	tagtcaaccc	tatttggttg	gtcccaccaa	120
caaaggcact	tgaggttaca	ttcaccacat	ttgtaacgga	gccattgaag	catattggaa	180
aaggaactgg	ggaattttatt	aaagcactca	tgaaggaaat	tccagcgctg	cttcatcttc	240
cagtgtgat	aattatggca	ttagccatcc	tgagtttctg	ctatggtgct	ggaaaatcag	300
ttcatgtgct	gagacatata	ggcggtcctg	agagcgaacc	tccccaggca	cttcggccac	360
gggatagaag	acggcaggag	gaaatcgatt	atagacctga	tggtggagca	ggtgatgccg	420
atttccatta	taggggccaa	atggggccca	ctgagcaagg	cccttatgcc	aaaacgtatg	480
agggtagaag	agagattttg	agagagagag	atgttgactt	gagatttcag	actggcaaca	540
agagccctga	agtgtcccg	gcatttgatg	taccagacgc	agaggcacac	cgaagaaaag	600
cagtactgaa	agcagccagt	cggccaagcc	tgtctctggc	caagacacat	caggggaatac	660
agaaggttca	cccgcagcgg	aaaaggccca	gctcaagtct	gaagc		705

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agctcttggt ctttttgcag gatcctttca anatacagct cttgttcttt ttgcaggggc 60
ccatcgattc gtttctatac aatttttcc tctgatccag agacacggaa aaacaaaggg 120
caagatggaa ataagggatg agaaggtcta tgtggaaaaa cagttacaac tggagtgggt 180
aactgcaaaa accaagcagc ttcattgtat cgtaggaca gaagaaattt ctcctttgta 240
gcctagagca atattctcaa aatttaaatgc gcatgttaat catttgggga tcttttattc 300
attttttcat gtggggatct tttaaaaatg caaattctga tttggtaagt ctggagtagg 360
tcctgagctt ctgcatgctt caaaagctga ttatgttttg agaacatgga tctagatgct 420
ggtattgagg tgggagacaa gtactgccac ctgaaacaac agtcttggtt aatttagccc 480
gacgagggtt aacacatcct aacaggaag gtaaaactgt cgtccatcag taccactaga 540
gggcatcact ggttttatagt tcaatacagt gaatatatca gaataatggc ctttagtttt 600
cctgaaagat taaattaggg ttgctaactt gtttaatgag ataatacaac atatgatgta 660
attttaaagg gtttacattt ttaaaaattt aatagggtat cagttactaa ttttacttan 720
atggactctg taagcttata ggttgcttaa an 752

```

<210> 3329

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (752)

<223> n = A,T,C or G

<400> 3329

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agctcttggt ctttttgcag gatcctttca anatacagct cttgttcttt ttgcaggggc 60
ccatcgattc gtttctatac aatttttcc tctgatccag agacacggaa aaacaaaggg 120
caagatggaa ataagggatg agaaggtcta tgtggaaaaa cagttacaac tggagtgggt 180
aactgcaaaa accaagcagc ttcattgtat cgtaggaca gaagaaattt ctcctttgta 240
gcctagagca atattctcaa aatttaaatgc gcatgttaat catttgggga tcttttattc 300
attttttcat gtggggatct tttaaaaatg caaattctga tttggtaagt ctggagtagg 360
tcctgagctt ctgcatgctt caaaagctga ttatgttttg agaacatgga tctagatgct 420
ggtattgagg tgggagacaa gtactgccac ctgaaacaac agtcttggtt aatttagccc 480
gacgagggtt aacacatcct aacaggaag gtaaaactgt cgtccatcag taccactaga 540
gggcatcact ggttttatagt tcaatacagt gaatatatca gaataatggc ctttagtttt 600
cctgaaagat taaattaggg ttgctaactt gtttaatgag ataatacaac atatgatgta 660
attttaaagg gtttacattt ttaaaaattt aatagggtat cagttactaa ttttacttan 720
atggactctg taagcttata ggttgcttaa an 752

```

<210> 3330

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (757)

<223> n = A,T,C or G

<400> 3330

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ttggnnnnnn nnnnnntttt annntncagc tnnngnnnagc tcttggtctt ttgcaggat 60
cccatcgatt cgaattcggc acgaggttgg cggagatgt ctttttattt ttgtgctgta 120
aaattctctt acagcaaaaa taggctttag aaaggtcttc tactgtcttc agcaaccatc 180
tcattctcca gttcacctg attgtccagt tatcatacat ttgactttca aatgtatgaa 240
ccagcatgta ccccatggat ttaatcttat ctaccccggt gattcaatct tcttatcaga 300
aggttctttt atgtcaaaaa acctgctgtc aaggcttgaa gagccggcac actcaatggc 360

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<220>
 <221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

<400> 3326

ttaaanannt	ngctcttggt	ctttttgcag	gacctttcna	aanacagctc	ttgttntttt	60
gcggtatccct	cgattcggtt	ctatacaatt	tttccttctg	atccagagac	acggaaaaaac	120
aaagggcaag	atggaaataa	gggatgagaa	ggtctatgtg	gaaaaacagt	tacaactggg	180
agtgggtaac	tgcaaaacca	agcagcttca	tgtgatcggt	aggacagaag	aaatttctcc	240
tttgtagcct	agagcaatat	tctcaaaatt	taatgcgcat	gttaatcatt	tggggatcct	300
ttattcattt	tttcatgtgg	ggatctttta	aaaatgcaaa	ttctgatttg	gtaagtctgg	360
agtaggtcct	gagcttctgc	atgcttcaaa	agctgattat	gttttgagaa	catggatcta	420
gatgctggta	ttgaggtggg	agacaagtac	tgccacctga	aacaacagtc	ttggtaaatt	480
tagcccgcag	agggtaaaca	catcctaaca	gggaaggtaa	actgtcgtcc	atcagtacca	540
ctagagggca	tcaactggtt	atagttcaat	acagtgaata	tatcagaata	atggccttta	600
gttttcctga	aagattaaat	taggcttgct	aacttgttta	atgagataat	caaacatatg	660
atgtaatttt	aaaggggttta	cattttttaa	aattaatagg	gtatcagtta	ctaattttac	720
ttaaattgna	ctctgtaagc	ttaataggta	tgcttaaata			760

<210> 3327
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

<400> 3327

ttaaanannt	ngctcttggt	ctttttgcag	gacctttcna	aanacagctc	ttgttntttt	60
gcggtatccct	cgattcggtt	ctatacaatt	tttccttctg	atccagagac	acggaaaaaac	120
aaagggcaag	atggaaataa	gggatgagaa	ggtctatgtg	gaaaaacagt	tacaactggg	180
agtgggtaac	tgcaaaacca	agcagcttca	tgtgatcggt	aggacagaag	aaatttctcc	240
tttgtagcct	agagcaatat	tctcaaaatt	taatgcgcat	gttaatcatt	tggggatcct	300
ttattcattt	tttcatgtgg	ggatctttta	aaaatgcaaa	ttctgatttg	gtaagtctgg	360
agtaggtcct	gagcttctgc	atgcttcaaa	agctgattat	gttttgagaa	catggatcta	420
gatgctggta	ttgaggtggg	agacaagtac	tgccacctga	aacaacagtc	ttggtaaatt	480
tagcccgcag	agggtaaaca	catcctaaca	gggaaggtaa	actgtcgtcc	atcagtacca	540
ctagagggca	tcaactggtt	atagttcaat	acagtgaata	tatcagaata	atggccttta	600
gttttcctga	aagattaaat	taggcttgct	aacttgttta	atgagataat	caaacatatg	660
atgtaatttt	aaaggggttta	cattttttaa	aattaatagg	gtatcagtta	ctaattttac	720
ttaaattgna	ctctgtaagc	ttaataggta	tgcttaaata			760

<210> 3328
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 3328

<220>
<221> misc_feature
<222> (1)... (712)
<223> n = A,T,C or G

<400> 3324
gtncctaattng ngngctcncg gcnnngtccgc aacagcccng cggntcgaat tcggcacgag 60
gcctttttgtg ggggtctcata cataactcag tttccacaaa gctgtgcccc agtcagccc 120
tatggataga agcatgggtct ggggttcctt tgctgaccag ggtgtgtgct ttgtccaagt 180
tactgacctt cccaaacctc atcaatgcac ataaaaagag cacttgcaaa caatgaatct 240
agacatggac cttcacaaaag aaataactca aaatggatcc caggcctaaa tgaaaaatga 300
aaaactataa aactcctaga agataacata aaagaagatc tagatgacct agggtttggc 360
aatgactttt tagatccagc accaaaggca ggatccagga aagaaataat tgataagctg 420
gacttcatta aaacgaaaac ttctgctctg tgaaagatgc tgccaaaaaa tgaaaagaca 480
agccacagac tgggagaaaa tatttttgat ggaaatatct gagaagagag gcttgttatc 540
caaaatatac aaagaatttc taaaactcaa taatttgaaa ataaacaacc caatttaaaa 600
agtggggcaa agatcttaaa tgacgcctca ccaaagaaga tacacagatg gcaataagc 660
atatgaaaag atgctcccgg ctgggcacgg tggctcacgc ccgtaatccc gc 712

<210> 3325
<211> 1249
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)... (1249)
<223> n = A,T,C or G

<400> 3325
angctacttt gttctttttg caggnnnttt tttnnnnatac agctcttggt ctttttgcag 60
gatcccatcg attcgaattc ggcacgagaa aacacacaca cacacaacac aatgttttca 120
cgctgtaaa cctagcacat tgggaagcca aggtggggag ggattgcttt gaggccaggg 180
aagttcaagg gctgcaagt gagcttatga attggcncac ctggtacctc ttagccctgg 240
gggaggaaca agaagtggag gaacacctgg tcttcttnaa aaaaaaaaaa aaaaaaagg 300
tttttttttg gaaacccctt taaaaaaaaa taaccttttt tggttttttg ggaaaatttt 360
tccttttaaa ttccaattcc aanttttcca aaaaaaaagg naaggcccaa ggtttaaaaa 420
aaaaaaaaat nggggggttt aaaccttttn gggtttttnc ttttnggggt aacccaaaag 480
ggccctttan cttttaaaaa tttttaaggg aaacctttaa ttttaagggt aaggggggaa 540
attaantttt ttttnaaaa aaaggnaagg cccttgggna aaanttccaa cccttttttt 600
ttnggggggt aanttttttt tnggggggtt anttaaaaaa aattaatttt ttttnccaa 660
tttttttggg ttttaaatng gttccccccc caaggntaaa ttaaattttc ctttttaaac 720
cttgggggna aaaaaaaatt ttccnttttg ggtttttttt gggaaattcc ttgggcccc 780
ttggnaaaag naaaaaaaaa ttaanttcct tgggggtttt ttnccttaan ttanttaaaa 840
aaaaaaaaaa aatttttttt tttttaaaaa aaaatttaaa atttnggtta aaaaagggtt 900
ttaagggaat tttttaaaaa aaaatttttg ttaaaaaaaa attatttaaa aaaaattcca 960
accaaaaagg gggaaaattg gttanccctt ttaaatggga aaatgggttt gggtttggga 1020
cccanttttt ttaattggaa aaaatttaat tggtngggga tttccaatta tttacctggg 1080
tttanccaaa ggaataagga aaatttggaa atgggccaaa aaaggaccca aaaacctca 1140
attaaaaatt tgagggaaaa cgtgggtatt atgtaattga aataaaaaa ttttataatt 1200
gtaaaaaaaa aaaaaaaaaa actcgagcct ttaactata ggggtcgtn 1249

<210> 3326
<211> 760
<212> DNA
<213> Homo sapiens

aaaataanaa gngagctttt cagggcaa t

751

<210> 3322
 <211> 705
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(705)
 <223> n = A,T,C or G

<400> 3322
 nctaagtctg ggcnccttggt cttttngcag gatcccatcg attcgaattc ggcacgaggt 60
 ctagtataat cttgatgctc aaaccagata aggacaatac aagaaaggaa gagtataggc 120
 taattctacc caataactaa atgaagtatt agcaaacagc attcatcaat aatcttttaa 180
 aaatcaagaa ttaattggat ttaggaatat aacactgtgt ataacaagtt taagagaaat 240
 atatgagaat gataagactg caattgaaag tagaggcttt ctctggaggg aaagggtgagg 300
 aggatgtgat ttggaagaac agcatgggga ggcacagtt gtattgtaat gtttattttt 360
 taagctgaat gataggtagc tagatgttca ttgtgttctt ttgacctttt tgtatatctt 420
 aaatatatgg tagtgccatg attagcaggc ttaatagcct tgtgagttta aatgtcactt 480
 tcaaagtctg tatttttggg ggagttgctt aaacacattc cccttggaat ctatacaacc 540
 agttaaaaaa atcatgtata aaccaccatg aaatataatg aaatgtactg tatatgcatt 600
 ttcataaatg ttgtgtcaaa gggctttagt gaaaaaaga tcgttaactc ttttgcattc 660
 agtgaaaata ggtggctttg gaaatagttt cagccttgct aacac 705

<210> 3323
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 3323
 gnnnnntttnn nnnnnntttnt aaananacag gctacttggt ctttttgcag gatcccatcg 60
 attcgaattc ggcacgaggg cacacggggc gcatcatccc tgcaatctgg ttccgctacg 120
 acctcagccc catcacgggc aagtacacag agagacggca gcccgcttgt acagattcat 180
 caccacgac tgtgccatca ttggggcggga ccttcaccgt cgccggcatc ctggactcat 240
 gcatcttcac agcctctgag gcctggaaga agatccagct gggcaagatg cattgacgcc 300
 acaccagcc taatggccga ggacctggg catcgccagc cttgacctca gtgacctgtc 360
 tcctttggcc ctcaatctgg tcccaaactt ggctgtgtcc caaagggtgt gtgggaagtg 420
 gggggaaaagt agaggatggc tcgatgtttt gcagctacct cttttccccg tgtttctttt 480
 tagacaaatt acactgcctg aagttgcagt tcccccttcc tggggagccc caagaacaga 540
 gtcaggcaag ggggtggggag tncagggatc ttggggaccc ctntaggag agctgcagtc 600
 tcttncctta ggggaacatn ccanaatgca tatngatcag ctntnagcca ggctttngac 660
 aattttccag cccccaacta ggtgggacac attaataaat ttgggttttt cccttgggca 720
 agccaacctg ncccaaangc accaaaactg gggcttttan n 761

<210> 3324
 <211> 712
 <212> DNA
 <213> Homo sapiens

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aaccgaaaag gaaaagatcc cgatgaagga gcccgagggc ccaaaanaan aaggaaaagag 540
ggaaaaaacc cacacattgc cccacnggaa tttggaattt ttgattgaat gagcccaant 600
ggaccaccca aanggacttn cccttgattg gaacccggga gaacccanc ccccaagggga 660
aagcnttnaa nccccggga agccccagaa aaaccnnggn angggcccc ccccttggn 720
acnaaagggg ggcctttttc cgggnccctt tgaaaggagg gacccccan nnaaagncnt 780
tgggangggga aacccaaaaa tcccctttn gtaancccg gggaangggg nanccctnt 840
t 841

```

<210> 3320
 <211> 741
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (741)
 <223> n = A,T,C or G

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<400> 3320
gnnnnnntnn nnnnnnttn tntananaca ggctacttgt tctttttgca ggatcccatc 60
gattcgagaa aattcaata attcttttct gcttcaatgc cagcagaagg tccccaggt 120
agacatggag aagcactttg ttttaaatag gagggtttca tagttgcatc tgaagccacc 180
tggttctgtt aaactgtatc gtgcagggtt tgggtttggc attattcatg tttctgatca 240
attctatgca actctcatag ttctgttac ttttagcat tagctgcaa atgacttcaa 300
aaggctgggg tgggtgactt gactgtgaga ctggattata acatggacaa atcttatttt 360
gcttaaatgtg tttgtgtgtg tgtgtgtgtg tgtgtgtgtg tgtgtgtgtg tgtgtatgta 420
tatatatata tataaatatc tttcccaata tgccccgttg acagtgttta aattccanac 480
taggactgct gatctgcaca atttaattat gtggnatttc gagcacttaa tttcactcaa 540
ggntcattgg gctctgctct tctccctgcc attacnggag ctgtggacag agctnccctc 600
ttcaanantc tagtggtttt gcncaacagg ntgnccaatg anaaaactga nttgcgtgnc 660
tgtaaagtgt gcncaaggng cacatctnnn agggntcnat nctccggcct gtcctccaaa 720
agggctgggc cttgggccc n 741

```

<210> 3321
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (751)
 <223> n = A,T,C or G

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<400> 3321
ggnnnnnttt nnnntactg ananccttn gctacttgtt ctttttgcag gatcccatcg 60
attcgaattc ggcacgagag gcgatatccc tgagctgaga gcatnaccct gtccccgaat 120
ccttctttcc tctctgtttt gtttttcatt cccctccctc tctccctcc cctccagtc 180
cacgacgact gggctgttga cctgtttcag gcctcgggtga aggccttttg ttactccct 240
tcccacccca tcccttaatt ttattctttt gaagagtgc tttcaagctg ccaagggtgga 300
gagaggggatt acagaaagga gaacacctta tttcagaaaa ggtgtaccat acctgagagc 360
accaggaagt cgcagagag atcacctgat acatgaacgt atgatgttcc atctgagcat 420
tgatgaatag gcagcattta caaattaact gatgtgttgc tgnatatcat ctctttgatg 480
attgctcttc tctttgtat cctgncttat aatttcaaca catttgcat actcaatgtc 540
tattctaaat taaccatgtt ttgtaccaca aactcattgc ccatggatct gttgctgaaa 600
caaggaagtc ttaaacaaga agtggaaatc ttctgttatc agattgggtc tgaatcaa 660
gatcagaagg gtgggaatat taaaantga agaataacag ntgcaacctt cagtttctna 720

```

agacacattc	actttcaact	ttantaatga	cccttnggtc	cttcgacggc	gccagaccta	120
cttgtgctat	gaggtggagc	gcctggacaa	tggcacctgg	gtcctgatgg	accagcacat	180
gggctttcta	tgcaacgagg	ctaagaatct	tctctgtggc	ttttacggcc	gccatgcgga	240
gctgogcttc	ttggacctgg	ttccttcttt	gcagttggac	ccggcccaga	tctacagggg	300
caacttggtc	atnttctgga	gcccctgctt	ctcctggggc	tgtgcccggg	aaagtgcgtg	360
cnttccctca	ggagaacaca	cacgtgagac	tgcgcactct	cgctgcccgc	atctatgatt	420
atgaccccc	atataangag	gcgctgcaaa	tgctgnngga	tgctggggcc	caagtttcca	480
tcattgacct	cgatgagttt	gagtactgct	gggacacctt	tgtgtaccga	cagggatgtc	540
cttncaacct	gggatggact	aaaggagcac	agccaanccc	tgagtgggag	gctgcngggc	600
attctccaga	atcanggaaa	ctgaaggatg	gcctcantct	ctangggagg	ngagacctgg	660
gttggcanca	naataaaaga	tttttttcaa	gaaatgcaaa	cagaccgtca	ccaccn	716

<210> 3318

<211> 726

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(726)

<223> n = A,T,C or G

<400> 3318

caggctactt	gttctttttt	caggatccca	tcgattcgaa	ttcggcacga	gtgaagaatg	60
gcgtgggttg	gttcctttca	aatgcacttg	agcagcggtc	tccaaccaca	gggccacaga	120
gctggagggtg	agcagcaggc	gagtgaaggg	aaacttcata	tgtattttcta	gccctcccca	180
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gttgcaggaa	aacaagctca	gagatcccac	tgagtctacg	ttatagttag	ttgtagaatc	420
atttcattat	atattactat	gtagtaataa	tagaaataaa	gtgcacaata	tatgtaatgc	480
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cattcactct	gtttttttgt	agaggcaggg	tcttaataata	ttgcccagtc	tgatctcaaa	600
ctcctggcct	caagtaatat	acctctctta	gcctnccaaa	agtgtctgaga	ttacaggcat	660
aagccccccc	ctcaaccaag	actttnttna	accaaataaa	aattaagtga	gattactttg	720
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<210> 3319

<211> 841

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(841)

<223> n = A,T,C or G

<400> 3319

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gctcggggcc	atggagacac	tgcggccagt	acggcggcgc	ctctgtctga	agaaggggaa	120
gtgacctccg	gcctc	ggc	tctggcctg	gaggataccg	gagccctctc	180
gtaaggccga	ggacgagggg	gaaggaggcc	gagaggagac	cgagcgtgag	gggtccgggg	240
gcgaggaggc	gcagggagaa	gtccccagcg	ctgggggaga	agagcctgcc	gaggaggact	300
ccgaggactg	gtgcgtgccc	tgcagcgacg	aggaggtgga	gctgcctgcg	gatgggcagc	360
cctggatgcc	cccgcctcc	gaaatccagc	ggctctatga	actgctggct	tgcccacggt	420
actctggagc	tgcaagcccc	agatccttgc	cccgcggggc	cttccacgcc	ggaggccan	480

<220>
 <221> misc_feature
 <222> (1)... (702)
 <223> n = A,T,C or G

<400> 3315
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 gtcttgctat gttatctagg ctggcctaaa cttctgggct gaagtgatcc tcctgtgtag 120
 ctgggactac aagcatgtgc caccaatgcc tggcttctca cactgttttg taacatagat 180
 atgtgaagat gtgtattata gaattgtttg taatactgta gtgttgtagg caatgtgact 240
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 taaaagcaat caattatggc caccagcaa tgcagataaa tcttaaaagc atatgatgct 360
 atgataccaa agcacaagca ccgcccctgt aaatagagga attagatttc ttcagcatta 420
 aaactttgtg catcaaagga tagtatcaag aaagtataaa gacaaatgga gaatgggaga 480
 aaaatacttg caaaccatgt atctgataaa ggtctagtat tcagaaaaca attcaacaat 540
 aaaaaagaca aataactgag ttataaatgg caaaggattt aaatagacat ttctctatgt 600
 aaagaagatt tacaaatagt caataagcac atgaaaaaga tgttcaacat cattactcat 660
 cagcaaaatg ccaatcaaaa ccacaatgaa ataccatttc at 702

<210> 3316
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (761)
 <223> n = A,T,C or G

<400> 3316
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 attcgaattc ggcacgaggc cacacggggc gcatcatccc tgcaatctgg ttccgctacg 120
 acctcagccc catcacgggc aagtacacag agagacggca gcccgtttgt acagattcat 180
 caccacgacg tgtgccatca ttgggcggga ccttcaccgt cgccggcacc ctggactcat 240
 gcatcttcac agcctctgag gcctggaaga agatccagct gggcaagatg cattgacgcc 300
 acaccagccc taatggccga ggaccctggg catcgccagc cttgcctcca gtgccctgtc 360
 tcctttggcc ctcaatctgg tcccaaatct ggctgtgtcc caaagggtgt gtgggaagtgt 420
 gggggaaagt agaggatggc tcgatgtttt gcagctacct cttttccccc tgtttctttt 480
 tagacaaatt aactgcctg aagttgcagt tcccccttcc tggggagccc caagaacaga 540
 gtcaggcaag ggggtggggag tncagggatc ttggggaccc ctntagggag agctgcagtc 600
 tcttncctta ggggaacatn ccanaatgca tatngatcag ctntnagcca ggctttnagc 660
 aattttccag cccccaacta ggtgggacac attaatgaat ttgggttttt cccttgggca 720
 agccaacctg ncccaaangc accaaaactg gggcttttan n 761

<210> 3317
 <211> 716
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (716)
 <223> n = A,T,C or G

<400> 3317
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catgtgtctt tagtctggat agctattgtt aaactgccta caaactgagc agatctatta 660
 atatcagtta cacttgggcc tttggggtt gagan 695

<210> 3313
 <211> 701
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(701)
 <223> n = A,T,C or G

<400> 3313
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 cagaaatact ctgatactag ctatggtcag caacatttaa tgaaaaccct tatgttaaaa 120
 ataaaccctt gcctcctggc ttcaagcgat tctcctgcct cagcctcctg agtagctggg 180
 agtataggca cgtaccacca caccagcta attttttcta tttttactag agatgggttt 240
 cacagtgtta gccaggatgg tttcgatctc ctgacctcat gatccgccc cctcggcctc 300
 ccaaagtgtc gagattacag gcgtgagcca ctgtgcccgg cctcaaaatc ttaagaaaag 360
 gttcttttgg tgcattggag tttacatgga ataagttagt gcctctgcaa tttaaatatt 420
 ttttacacag atttgatgct gtgcaaatgc cctctcccct tttaggtgtt gcttgttcag 480
 tatctcaagc ccagaaagat gaattaatcc ttgaaggaaa tgacattgag cttgtttcaa 540
 attcagcggc tttgattcag caagccacaa cagttaaaaa caaggatatc aggaaatttt 600
 tggatggtat ctatgtctct gaaaaaggaa ctgttcagca ggctgatgaa taagatctaa 660
 gagttacctg gctacagaaa gaagatgcca gatgacactt n 701

<210> 3314
 <211> 704
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(704)
 <223> n = A,T,C or G

<400> 3314
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 ggttcagcaa cttcttgtct caatcaccct tcagtcagag tgtgatgctt tccccaacat 120
 atcttcagat gagtcttata ctttacttgt gaaagaacca gtggctgtcc ttaaggccaa 180
 cagagtttgg ggagcattac gaggtttaga gacctttagc cagttagttt atcaagattc 240
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 aggaattttg attgatacat ccagacatta tctgccagtt aagattattc ttaaaactct 360
 ggatgccatg gctttttaata agtttaattgt tcttcaactgg cacatagttg atgaccagtc 420
 tttcccatat cagagcatca cttttcctga gtttaagcaat aaagtgaagta aattgtattg 480
 tactctgtct acaaaaacat tgggtatagt ttcattacaa gttttagct taaatgtttg 540
 ttcttatgga tagaatcaaa gtgtaaaaat cagatgttta tgggttttta ttttttggc 600
 tgtgacttag cattttacat ccataaaaact ttttttgtaa ttgntataac ggttactgta 660
 attgttactg tgaatatcaa caatcttggg gaagtgtaaa tccg 704

<210> 3315
 <211> 702
 <212> DNA
 <213> Homo sapiens

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ggaattatgg gagctacaag atgagatttg ggtggagaca cagagccaaa acacatcaga 300
tgccatggaa atacaatgag gaaaagacag tctttccaat aaactgtgct gggaaacctg 360
gctatccata tgcaaaagaa tgaaactgga tctccatctc cctccttata taaatataaa 420
atcaaaatgg attaaagatt taaatctaag acctataact ataaaaactaa aaaagaaaac 480
agtgggaaac tctctgggac attagtctgg gcaaaaattt cttgagtaat acccctcaag 540
cacagacaac aaaagcaaaa atggacaaat gtgaacacat caagttaaaa actatctgca 600
catcaaagga aacaatcaac aacgtgaaca gacagccac agaagagag aagtatttgc 660
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```

<210> 3311

<211> 695

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(695)

<223> n = A,T,C or G

<400> 3311

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gcagataaga caaaggagtg gaaatagagg ggtagagatt ttctcttaaa cgtgtgaggc 180
tgagtggtta tgcttcattg gcaagaacct ggtcctagcc tgcctagctg aaaggagggg 240
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gttggtttt gatctgtgtt tgctgctgtg ttactctata attcagccat gtactctgga 360
ggtttagcta tgttgtagcc aattgatcta tctcatcctt ttttactact gtacattata 420
ccacaataag agcatgctac gctttgttta gctgctagct gtttccctcc taatggatag 480
ttagctgatt tctgttggtt ttctctgaga accaatgttg caacgcccac cgaggaactc 540
tgccccccag atatatgtac atgtgtgatg tttctctttt atgggaactg ggtcatcaag 600
catgtgtctt tagtctggat agctattgtt aaactgccta caaactgagc agatctatta 660
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<210> 3312

<211> 695

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(695)

<223> n = A,T,C or G

<400> 3312

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tctgccgtct ttaacatgtg actttctagg tcagtcactt ggtcattgct tttccacaca 120
gcagataaga caaaggagtg gaaatagagg ggtagagatt ttctcttaaa cgtgtgaggc 180
tgagtggtta tgcttcattg gcaagaacct ggtcctagcc tgcctagctg aaaggagggg 240
agtcagggag atgcactttg cagccaaaat tctgttgcca agaaggggaa agtagatttg 300
gttggtttt gatctgtgtt tgctgctgtg ttactctata attcagccat gtactctgga 360
ggtttagcta tgttgtagcc aattgatcta tctcatcctt ttttactact gtacattata 420
ccacaataag agcatgctac gctttgttta gctgctagct gtttccctcc taatggatag 480
ttagctgatt tctgttggtt ttctctgaga accaatgttg caacgcccac cgaggaactc 540
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<221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 3308

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gactttcaag	gaccaaggat	tggaggtttt	aaagcaggaa	acagcagttg	ttgaaaacgt	180
ccccattttg	ggactttatc	agattccagc	tgagggtgga	ggccggattg	tactgtatgg	240
ggactccaat	tgcttggatg	acagtcaccg	acagaaggac	tgcttttggc	ttctggatgc	300
cctcctccag	tacacatcgt	atggggtgac	accgcctagc	ctcagtcact	ctgggaaccg	360
ccagcgcct	cccagtggag	caggctcagt	cactccagag	aggatggaag	gaaaccatct	420
tcacgggtac	tccaagggtc	tggaggccca	tttgggagac	ccaaaacctc	ggcctctacc	480
agcctgtcca	cgcttgtctt	gggccaagcc	acagccttta	aacgagacgg	cgcccagtaa	540
ccttttgaaa	catcagaagc	tactctccat	tgacctggac	aaggtgggtg	tacccaactt	600
tcgatcgaat	cgccctcaag	tgaggccctt	gtcccctgga	gagagcggcg	cctgggacat	660
tcttggaggg	atcatgcctg	gccgctacaa	ccaggaggtg	ggccagacca	ttcctgtctt	720
tgccttcctg	ggagccatgg	tggctcctggc	cttctttt			757

<210> 3309
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 3309

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aaactctggt	tttaaaacca	tcagatctca	tgcaacttat	tcaccatcac	aagaacagca	180
gggcacagac	ccatccccat	gattcaatca	tttccctactg	ggtttcttcc	acagcatgta	240
ggaattatgg	gagctacaag	atgagatttg	ggtggagaca	cagagccaaa	acacatcaga	300
tgccatggaa	atacaatgag	gaaaagacag	tctttccaat	aaactgtgct	gggaaacctg	360
gctatccata	tgcaaaagaa	tgaaactgga	tctccatctc	cctccttata	taaatataaa	420
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agtgggaaac	tctctgggac	attagtctgg	gcaaaaattt	cttgagtaat	acccctcaag	540
cacagacaac	aaaagcaaaa	atggacaaat	gtgaacacat	caagttaaaa	actatctgca	600
catcaaagga	aacaatcaac	aacgtgaaca	gacagcccac	agaatgagag	aagtatttgc	660
aagatactca	tctgacaagg	gattaataga	atatataagg	agctcaaata		710

<210> 3310
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 3310

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gtctaaccg ggggtgccagg aacacacaca tcttccatcc cagcata

707

<210> 3306
 <211> 703
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1) ... (703)
 <223> n = A,T,C or G

<400> 3306
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 tagctgcttg tgggtggggcc ccaaccgccc tcgggcactg gggagctggg ctggggctgc 120
 tgctctgggg tctccggggg ccacagcttg gggtagattg aagacctcag gggatgtgga 180
 ggggtctgcg gggccctggc cgcacaggat ggccttcagg gaaggtggtc ttggggcatg 240
 gtgcagagca ggtgaccgga gggaatcggg gacggagcgg ggccaaggga ggggtccgga 300
 gggagtcagg gatggagggc agagggagtg gatgtggggg tttgaggacg tgtgacaagc 360
 tccagcaggg gtggggggccg ggctgagggg gggggtgcga ggtggtcact cccatcgtgc 420
 ccctggccgt cctccactc acccacacct ggcccagtc acgttgaggt ccaggactgg 480
 gaaggaccgg gtgagtgcac cggggaccca ggccaggtgc ccccgagc ctgctggggg 540
 ggccagagca ggaggggggtg tgtttccttt ttgtgggtgt tgcattgcaa tcaagtggac 600
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 agtcgtatta cgtagatcca gacatgataa gatacattga tga 703

<210> 3307
 <211> 710
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1) ... (710)
 <223> n = A,T,C or G

<400> 3307
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 gggagaactt cctcgaggct ggaactgggt tgatgttggt aagcatttaa gcaaaactgg 120
 ctctaaggat gatgagtagc acttgggaatt tgagacaagg aaagagcatt ctttaaagag 180
 taaaactggg ttcaaaatct ttcattacta ttttctggta ttgaggcgac tttttataaa 240
 acacaatttt ttgtatgttt cttacattaa aaagggttga agttgaaagt tcatgaagag 300
 atcttgttgt attaaattat tttcacaac ttgccttaat aaaagggtgaa aatgttactg 360
 tttagtatac tttatgaagc cccttgagct ttataaatgg acaggcatgg ggaataagaa 420
 tcagtgttaa tttaaatgat cttatcctgg tggatgtgct attttcttaa aggagtatga 480
 agcccttttc aaactatcat cccagtggag cggagtactc agtgaacagt tactccatag 540
 tgcaatccat attaataggc ttcttctctt aagtcttcat ctcttctttt gcttaattac 600
 tgaaccgtaa attacttcag agaaatttaa atgctgggtat ttgaacttta tacatgatac 660
 tttttgtagt ttcttttaat ttttgaaaga tgaactgctt ccttttaanc 710

<210> 3308
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>

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gtgacctcct	acagctccgt	gcagtaccca	ctgggcatgc	ggttgcccct	gccctttggg	360
gagctggacc	tggactccat	ggctcctcct	gcctacagcc	tgtacacccc	ggagcctcca	420
ccctcctacg	atgaagctgt	caagatggcc	aagcccagag	aggaaggacc	agcactctcc	480
cagaaaccca	gccctctcct	tggggcctcg	ggcctagaga	ccactccagt	gccccaggag	540
tccgggcccc	atactcaact	accaccttgt	agccctgggt	ccccttgaag	gaggtaggag	600
aacggaccag	agcttggaga	actaatgctt	ggagccaagg	gccccagccc	acccaccctg	660
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<210> 3304

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (707)

<223> n = A,T,C or G

<400> 3304

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gctaaaagca	gaaaaaaaaa	tccatttcat	cgggatggaa	ctgaaggatt	ttattctata	180
aagcgccctt	ggttgaatct	ggcaattctt	tttgccaaga	tccctagcag	aagatttagc	240
catgtccttc	ccctcacttg	tgtgagtggc	cccttctgaa	tctctccagc	agccagaggg	300
acgtgagaag	cagaaagagc	tggtaaataa	agccttgggc	aagcgacttc	ttagatcaga	360
actcaccaaa	tgggaagccta	gcagctgctc	cataaaccta	gccccattct	tcatatcaat	420
tttgtataaa	tatatagaaa	cacacacaca	gcctcagact	tacaaactga	ttatactcta	480
aaagtttgta	tgtcagttag	ctaaaacttc	agaatacatt	tctccctata	aagagttata	540
aatgatgggt	tagttctcag	gcagctacaa	atgcctatct	attccctaata	gtacctgaac	600
actagtacca	tagaactgaa	ccaccatctg	tatcagcgca	tggggagtgt	gcattctgag	660
gtctaaccgg	gggtgccagg	aacacacaca	tcctccatcc	cagcata		707

<210> 3305

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (707)

<223> n = A,T,C or G

<400> 3305

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catgtccttc	ccctcacttg	tgtgagtggc	cccttctgaa	tctctccagc	agccagaggg	300
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actcaccaaa	tgggaagccta	gcagctgctc	cataaaccta	gccccattct	tcatatcaat	420
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aaagtttgta	tgtcagttag	ctaaaacttc	agaatacatt	tctccctata	aagagttata	540
aatgatgggt	tagttctcag	gcagctacaa	atgcctatct	attccctaata	gtacctgaac	600
actagtacca	tagaactgaa	ccaccatctg	tatcagcgca	tggggagtgt	gcattctgag	660

<221> misc_feature
 <222> (1) ... (710)
 <223> n = A,T,C or G

<400> 3301

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gttggaattg	tttttctgtt	ctcttctgtc	ctgtcttata	ctgcaactgt	gtctcctagg	180
ggacagatgg	ccttctttgt	catcttcaact	ctccaccccc	agagaggagt	cagagccata	240
actcaatcac	tcagccccctc	caaagatagt	tgatgtgtga	taatctcata	atgttgagaa	300
ccctgatgag	atacattgtc	ttctctctcc	tacaatgcct	ctggggccaa	ggcaccatt	360
cttcttgcta	tcctccatcc	cccttgaggc	ttccactttt	ttttttttta	gacataaagc	420
tgggcatcag	caactggcct	gtggtgatgc	aaagctgctt	tgctctgnat	ctggctggac	480
tgatctgtct	cacaagaagc	catgaggcca	tagggagaag	ctccctctcc	ccttcatctt	540
ctgctccaaa	ggtggtanac	agaggagtac	ccagttaggg	gttgaggccc	ccatatnaca	600
tcttcctgtc	agaagactga	tggatctttt	tcattccaac	catctccctt	ttcccccgat	660
gaatgcaaat	naaacttttg	tgacaccagc	aaccattg	tccttanaat		710

<210> 3302
 <211> 709
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (709)
 <223> n = A,T,C or G

<400> 3302

nnatgctggn	nctaattgctg	gctactngtt	ctttnnngcag	gacccatcga	ttcgaattcg	60
gcacgagggg	ctaacttaca	gaggagctgt	gtatcctgaa	gattcagcga	ctggcaagga	120
atttccttgg	gagcaatgtg	tgaggagggc	catctgagga	gatctgtggc	tttcttttgt	180
tgtgggaatc	tggcttatgg	atgaatctac	gacacaggat	tgtgaaatta	cagctctttg	240
ggaacaaaag	gaaggcagta	ttgcatgact	tagtttccca	gcttcaactt	ccctttggca	300
tgggtgagtt	ggggtcttga	gagtctattt	cttttcacac	ccatcagcac	tgtaagtaa	360
gcaggaagac	aacctgaggt	tgtctcttta	ctttgagttc	ctacataata	aattgcagcc	420
taatttagta	cataaaccca	aacctaat	aggagtaaat	ttttttagc	agatagccag	480
atttcagcca	atcacaggct	tccagctaac	aagactatgc	ccaaataagg	caaattgcctc	540
atcacatgat	gctcaaataa	ggcagccacc	taggcgaggc	caatcaggta	acttttctac	600
tttgcttaat	tgttcagcct	gtacaaattt	gctgcttatg	actgctgagc	agagctgtct	660
aaacctcttc	tgggttgagg	tgctgcctta	tatatgaatt	gttcttttg		709

<210> 3303
 <211> 712
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (712)
 <223> n = A,T,C or G

<400> 3303

aacgctgggn	ctaaatggct	ggctatcggt	ctttccgcag	nanccttcg	attcgaattc	60
ggcagagct	gcgaccctc	ggaccagtgc	ccgccccagg	cccgtggag	cagcctgtgg	120
cacgtggggc	tcattcctgt	ggcggctctc	ctgcttctgc	tgtgtggtgt	cacagctggt	180

<210> 3299
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (783)
 <223> n = A,T,C or G

<400> 3299

gtaantaatt	anctgnagct	cgaantagcc	taaacanatt	ggctngncga	attcggcacg	60
agacccgagg	ctcgggtgtac	taggtgcgaa	tgccgccttc	tgtggtgacc	actgtcttct	120
catcctttgc	acctatagga	ggtgagtgcc	tttgggggaag	acggcgaggg	cgacgacctg	180
gacctatgga	cagtgcgctg	ctctggacag	cactggggagc	gtgaggctgc	tgtgcgcttc	240
cagcatgtgg	gcacctctgt	gttcctgtca	gtcacgggtg	agcagtatgg	aagccccatc	300
cgtgggacgc	atgaggtcca	cggcatgccc	agtgccaca	cgcacaatac	gtggaaggcc	360
atggaaggca	tcttcatcaa	gcctagtgtg	gagccctctg	caggtcacga	tgaactctga	420
gtgtgtggat	ggatgggtgg	atggaggggtg	gcaggtgggg	cgtctgcang	gccactcttg	480
gcagagactt	tgggtatgta	ggggtcctca	agtgcctttg	ngattaaaga	atgttggctc	540
atgaaaaaaa	aanntnnccc	antcnccaan	nenttctncc	nnanctcnnt	tnntncttcc	600
antttnncc	ntnccnccca	ntctnccnct	acttccnatn	nacnataca	tccccntcac	660
ttnattaant	ccnatnttan	antngcnenc	tnntennacn	ntcntctcat	acntggtntn	720
atcanttctc	tanatcctct	ctcnctctct	cgncgctnna	ctncttctctn	tancactcac	780
cct						783

<210> 3300
 <211> 705
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (705)
 <223> n = A,T,C or G

<400> 3300

atgctgganc	taatnctggc	ntctcgttct	ttccgcagca	ccnccgattc	gaattcggca	60
cgaggcctgc	tgttctcatgc	cgcgggcgtc	ctgctccacg	tctctgtgct	gctgggccct	120
gcactgtcgg	ccctgctgcg	agcccacacg	cccctccaca	tggctgccct	cctcctgctt	180
ccctgggtca	tgttgctcac	aggcagagtg	tctctggcac	agtttgcctt	ggccttcgtg	240
acggacacgt	gcgtggcggg	tgcgctgctg	tgcggggctg	ggctgctctt	ccatgggatg	300
ctgctgctgc	ggggccagac	cacatgggag	tgggctcggg	gccagcactc	ctatgacctg	360
ggtccctgcc	acaacctgca	ggcagccctg	gggccccgct	gggccctcgt	ctggctctgg	420
cccttctctg	cctccccatt	gcctggggat	gggatcacct	tccagaccac	agcagatgtg	480
ggacacacag	cctcctgact	ccaggaagag	ccagagctgt	gcagggagga	aggggtgaga	540
ggggggcccc	cacacctaga	ctcagtaagg	aagtcgggtt	ggaccttaac	atctgcattg	600
gacaactcca	ccccttccct	ggccttgccc	ctgcccgcct	acactcctac	gtgtccaggg	660
cttgggcccc	tgacttangc	agaggagtgc	agaggagggt	ctggc		705

<210> 3301
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>

cactctctga	tcctgtggaa	aggatgcagt	gtgtagctgc	gtttgctgta	tctgctgttg	360
cttctcagtg	ggaacggact	ggaaaacctt	tcaaccact	gctgggagag	acttatgaat	420
tagtgcgaga	tgaccttgga	tttagactca	tctccgaaca	ggtcagccat	caccaccaa	480
tcagtgcatt	tcattgctgaa	ggattaaaca	atgacttcat	ctttcatggc	tctatctatc	540
ccaaactgaa	attctggggg	aagagtgtag	aagcagaacc	caaaggaacc	atcaccttgg	600
agctccttga	acacaatgag	gcatatacat	ggacaaatcc	cacctgctgt	gtgcataata	660
tcattgtggg	taaactgtgg	atcgaacagt	atggcaatgt	ggaaat		706

<210> 3297

<211> 709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(709)

<223> n = A,T,C or G

<400> 3297

nctaagtctg	ggctactngt	tctttntgca	gnatcccatc	gattcgaatt	cggcacgagg	60
acagcccaa	tccgggagca	ggagggcctc	ctgccttggc	atatagacc	ctgggcgcct	120
ccctgggatg	cccaccaggc	ccagggatcc	acctagggtg	gtttggcaac	cctgggtgatg	180
gcagtggtag	tgccacatcc	tgcctttgca	gccagccctc	cgtcacacgg	actgtgcaga	240
aggatggacc	caacaagggg	cgccagttcc	acacatgtgc	caagccgaga	gagcagcagt	300
gtggcctttt	ccagtgggtc	gatgagaaca	ccgctccagg	gacttctgga	gccccgtcct	360
ggacaggaga	cagaggaaga	accctggagt	cggaagccag	aagcaaaagg	ccccgggcca	420
gttcctcaga	catgggggtc	acagcaaaga	aaccccgga	atgcagcctt	tgccaccagc	480
ctggacacac	ccgtcccttt	tgtcctcaga	acagatgagc	tcagggtagg	gtagagaacg	540
ccactttctc	agacctgtcc	ccttttgtgt	tagaaatgag	ttaaccagga	ccaagtggcc	600
atttagtgtc	ctggaaactt	agaggacagt	gttggccttt	ggagtcgggc	cttcttgtgt	660
taaggggcac	aagggtccaga	tcactctgga	gcaggccagc	ttctgttgg		709

<210> 3298

<211> 709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(709)

<223> n = A,T,C or G

<400> 3298

gtncnaatng	ntntgtagat	cganntagcc	taaacaaatt	ggcttgncgc	cccttccttc	60
tgtctctgga	gacccttgac	ttggggaaat	atggaggggt	gtgtgtctgc	aatcaaggcc	120
tctgcagctc	acggctggcc	cgggtgggctg	ggacttccgt	ctgaatttta	aatacttagg	180
gttcattttt	ttttctctgg	caacaaagct	tgatgttttc	actgctttag	tttctgtttt	240
gctggtggga	ggggatacgg	tctgtgactc	tggacttgct	ctgggggaac	agttgtcact	300
gccccggggg	agaggggcag	cttgggctgg	agaagcacag	ccagagacag	agccccctga	360
gagggatcct	tggctgcttc	attgtcttcc	ccccagcaag	ccctgctctc	cacaggcacc	420
tctgggggtc	tggtatggtc	cccgtccacc	tccttcacga	gtcctgagtg	gtgtgggtgt	480
gggtggcaca	ggactctggg	catggggang	gtcagagctt	ccagagcccc	ntgtcctgnc	540
anactcagct	ngtgggctgg	ngtgtaaac	ccagtcctgg	cgtangttta	cagnctctca	600
aggtacntng	nccccgtntc	tcctgggana	nangnntcnn	tnatgatccc	taccaaagca	660
catgtnggat	naaggctgnc	nnntgcnttg	nnctganagc	cngaagccc		709

ttatgtatta	caaaaaatcc	accttttctct	aaggggaagt	ttgtacccca	ttgattcttg	240
gtgccttttg	gacgactgg	gttttaaatgg	cctagttatt	tgaggatttt	gctgtgttgt	300
tttccatgtc	ttctctgggc	accttggatt	atatataaaa	atacaggaaa	tagataaaca	360
tgaatgtgat	taataatgct	gaaaaagtat	tagcctacca	aagacacact	caggctttag	420
tgaataactt	tacataacct	cagtttttaa	cacatgcata	tcttctccaa	ccatgaaatc	480
aaagcacggg	gcagaacttg	taccaagtac	aaaagggtcca	tgtatgatta	gcattatttt	540
cttttgcttt	tgtttatgga	caatgtttcag	ctgacataag	cagaagttgg	ccaaaatact	600
gcctgtactg	ttaatcttcc	gtataattca	cttaataaaa	agcagggttaa	cctcaatgat	660
agcagttaaa	atgttctatc	ttatgtattt	cttttaagta	ttaccattan		710

<210> 3295

<211> 1073

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1073)

<223> n = A,T,C or G

<400> 3295

ttnactnate	gcttggttg	ttctttttgc	aggatcccat	cgattcgaat	tcggcacgag	60
ggtaaagagc	aagtaatgag	cttgctccgtc	agctggtagc	tttcattcgt	aaaagagata	120
aaagagtgcg	ggcgcatcga	aaacttggtg	aagaacagaa	tgcagagaag	gcgaggaaag	180
ccgaagagat	gaggcggcag	cagaagctaa	agcaggccaa	actgggtggag	cantncatat	240
annanntctg	gtcgnctntn	gnctntttgt	ttantcnnat	centccccct	nccnctctnc	300
tnntccnccc	tcttatnaet	tentntttcc	ntctttnttc	tnntccccct	tccncttnna	360
tcttccnntt	ntnntnttcc	ntcccttctc	ncnctnctc	ttctctcntt	cctcttcatt	420
ctntccnctc	ccttctctct	tctactctcn	tcncttctct	tctctattct	cttcnntcmn	480
tncttctctc	tatccactna	entcctntct	ctctcctcnn	atctcatnnc	tctctctcat	540
ncntanntct	tctctccact	ttctctctac	natntctcnc	tactctctna	tcananacct	600
cttntccnct	ttctatcnct	ctctactnct	ctctctctct	tactatctct	ctntctnttc	660
ttctctctnc	ntctctctac	ttentactnt	tatttctctn	nttctcatca	gtctcttnct	720
atctctttct	ctnngtttta	ctntctnctc	ctctatctct	tnctatntct	ccttctctct	780
cctctatntt	ctanatcatn	tctctnctc	ctnntctctc	cccttctcct	cgtctcnacc	840
aantnctntt	acntgctctc	tctcctnctc	ttcttttcca	tattctctct	ctctctnttn	900
ttctnactnt	ctcctctctc	ctctntctct	actgctgtct	tctnactnnt	ctccttanct	960
acancatna	ctcacctcat	ctcatctcct	cnnctcctc	tctctcncat	ntntttctct	1020
ncttntatc	catcttctnt	entnctctct	ctctcacact	acttntctct	nnt	1073

<210> 3296

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 3296

ctaattgctg	gnngctcggt	ctttccgcaa	cancccnngc	antcgaattc	ggcacgaggt	60
ccgaagaaaa	agactgtggt	ggcgagagat	ctctctccaa	tggcatcaag	aaacacagaa	120
caagtttgcc	ttctcctatg	ttttccagaa	atgacttcag	tatctggagc	atcctcagaa	180
aatgtattgg	aatggaacta	tccaagatca	cgatgccagt	tatatttaat	gagcctctga	240
gcttctctaca	gcgcctaact	gaatacatgg	agcatactta	cctcatccac	aaggccagtt	300

<221> misc_feature
 <222> (1) ... (701)
 <223> n = A,T,C or G

<400> 3292

ctaagtctgg	ctnttggtct	ttttgcagga	tcccatcgat	tcgaattcgg	cacgagccca	60
catgtaccag	ggtgagtttg	aagatggatc	ccagatagca	atgaagagag	aggacatcta	120
cacttttagat	gaagagttac	ccaagagagt	gaaagctcga	ttttccacag	cctctgacat	180
gcgatttgaa	gacacgtttt	atggagcaga	cattatccaa	ggggagagaa	agagacaaag	240
agtgtctgagc	tccaggttta	agaatgaata	tgtggccgac	cctgtatacc	gcactttttt	300
gaagagctct	ttccagaaga	agtgccagaa	gagacagtag	tctgcataca	tcgctgcagg	360
ccacagagca	gcttggggtg	gaagagagaa	gatgaaggga	catccttggg	gctgtgccgt	420
gagttttgct	ggcataggtg	acaggggtgtg	tctctgacag	tggtaaatec	ggtttccaga	480
gtttggtcac	caaaaataca	aaatacaccc	aatgaattgg	acgcagcaat	ctgaaatcat	540
ctctagtctt	gctttcactt	gtgagcagtt	gtcttctatg	atcccaaaga	agttttctaa	600
gtgaaaggaa	atactagtga	atcacccaca	aggaaaagcc	actgccacag	aggaggcggg	660
tccccttggtg	cggcttangg	ccctgtcagg	aaacacacgg	g		701

<210> 3293
 <211> 705
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (705)
 <223> n = A,T,C or G

<400> 3293

nctaagtctg	ggctctcggt	ctttccgcag	gancccatcg	attcgaaaaa	ttgtgatgta	60
agtggtagac	tgggggagaat	ttagggctct	cagaatgcag	aaaactagcc	acctccagtt	120
ctgtgcctga	ccaccatctg	actttggata	aatcccttct	gctctcccac	ctagctttat	180
catttgtaaa	atgagtctct	aggtacagcc	ctttctgggg	ttgagacaga	gtttctgagg	240
agtaaaagcc	atgtcattgt	ggaaacaggc	agctattctc	acagctggca	tgagcccact	300
actcccctat	aatcagtgtc	gataaactgc	tctcatttgt	tggacttcag	actttectga	360
cccactttga	atggggggcca	ctttgaatgg	aaactttcta	tgtattgaat	taaaagatct	420
ccaagataaa	tgggttaaatg	aaaaagcaca	gtgcaaaatg	gtgcatatga	tatcctacct	480
tttgggtaaa	ataaaaaaaa	aaaaaaactc	agcctctaga	actatagtga		540
gtcgtattac	gtagatccag	acatgataag	atacattgat	gagtttggac	aaaccacaac	600
tagaatgcag	tgaaaaaaat	gctttatttg	tgaattttgt	gatgctattg	ctttattttgt	660
aaccattata	agctgcaata	aacaagttaa	caacaacaat	tgcatt		705

<210> 3294
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (710)
 <223> n = A,T,C or G

<400> 3294

gnnnctaagt	gcnnggctct	cggttctttt	cgcaggatcc	cnncgattcg	aattcggcac	60
gagctctatc	ttgtttattg	ttgatgccat	cttagaggaa	aaaatgtaaa	ggtaagtaat	120
taagcatatg	acagcaacaa	ataagatact	tataacctaa	tgggacttta	ttttgtagtt	180

aagattgcct ggggccaggc tgttgaangc ttggtttgct tant

704

<210> 3290

<211> 700

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(700)

<223> n = A,T,C or G

<400> 3290

ctaagtctgg	ctctngttct	ttcngcagga	cccatcgatt	cgcagagatc	aaacaattgt	60
agatcccttc	agttcaaaac	ataatgtgat	tgtgggcaga	aatggatctg	gaaaaagtaa	120
ctttttttat	gcaattcagt	ttgttctcag	tgatgagttt	agtcattctc	gtccagaaca	180
gcggttggt	ttattgcatg	aaggtactgg	tcctcgtggt	atttctgctt	ttgtggagat	240
tatttttgat	aattcagaca	accggttacc	aatcgataaa	gaggaagttt	cacttcgaag	300
agttattggt	gccaaaaagg	atcagtattt	cttagacaag	aagatggtca	cgaaaaatga	360
tgtgatgaac	ctccttgaaa	gcgctgggtt	ttctcgaagc	aatccttatt	atattgttaa	420
acaaggaaag	atcaaccaga	tggcaacagc	accagattct	cagagattaa	agctattaag	480
agaagtagct	ggtactagag	tgtatgacga	acgaaaggaa	gaaagcatct	ccttaatgaa	540
agaaacagag	ggcaaacggg	aaaaaatcaa	tgagttgtta	aaatacattg	aagagagatt	600
acatactcta	gaggaagaaa	aggaagaact	agctcagtat	cagaagtggg	ataaaatgag	660
acgagccctg	gaatatacca	tttacaatca	ggaacttaac			700

<210> 3291

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 3291

ctaagtctgg	ctctcgttct	ttctgcagga	tcccatcgat	tcgcactggg	ttccaagttg	60
ctttgctgaa	taaggatttg	aagccacaga	catttagaaa	tgcttatgac	ataccaagac	120
gaaatctttt	ggatcactta	acaagaatga	gatctaattct	tttgaagagc	actcgcagat	180
ttctgaaagg	acaggacgaa	gatcaagtgc	acagtgttcc	tatagcacia	atgggggaact	240
accaggaata	cctcaagcaa	gtaccttctc	cactaagaga	acttgatcct	gatcagccac	300
gaaggttgca	tacatttggt	aacccttcta	agctggataa	gaagggtatg	atgatagatg	360
aagcagatga	atttgtggct	ggacctcaaa	ataaacataa	acgaccggga	gaaccaaata	420
tgcaagggat	ccctaaaaga	cgctcggtgta	tgtctccact	actaagaggc	agacagcaga	480
atcctgttgt	aaacaatcat	attgggggaa	aaggaccacc	tgacacctaca	actcaagcac	540
agccagatct	tattaaacct	cttctctctc	ataaaatttc	agaaaccact	aatgattcga	600
taatacatga	tgtggttgaa	aatcatgttg	cagaccaact	ttcatcagac	attacaccaa	660
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<210> 3292

<211> 701

<212> DNA

<213> Homo sapiens

<220>

ctgagctacg	agctgttccct	eggaggettcc	cctaattgtga	ccagtgtgga	ctactcatca	240
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atggatgtgc	ggaagctgga	cttccccagt	gcttcttttg	atgtggtgct	cgagaagggc	360
acgctggatg	ccctgctggc	tggggaacga	gatccctgga	ccgtgtcctc	tgaaggtgtc	420
cacactgtgg	accaggtgtt	gagtgagggtg	agccgcgtgc	ttgtccctgg	aggccggttt	480
atctcaatga	cttctgctgc	ccccacttt	cggaccagac	actatgcca	agcctattat	540
ggctggtccc	tgaggcatgc	tacctatggc	agcgggtttcc	acttccatct	ctacctcatg	600
cacaagggcg	ggaagctcag	tgtggcccag	ctggctctgg	gggcccacaa	cctctcacc	660
cccagacctn	ccacctcacc	ttgcttcctt	caggactcaa			700

<210> 3288

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 3288

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gagctgtgat	ctgccccag	gtattctgac	ccccaaactg	gctctcaacc	atgtttacat	120
gatgaaaaga	agaggtgact	gttgatcag	ctctaaaggc	ctcacttttg	gtgaaatggg	180
acctaaat	gattgcatac	ttgattactt	gctgtcaata	ctgaaattgg	cacttcataa	240
ttttaatact	attgaacttt	caccataacc	ctgtcctata	aagttgactt	gcaaatgaag	300
aaactctatc	tcttcaatat	tataaaatat	atccaagagt	cacaactagt	gagaaaagga	360
caggatctaa	ctaacaatgt	gaggctgtgt	cttcacacca	attcaacaga	gtatcttgta	420
aatgttgaga	ggagaggtac	tttaggtcat	gggtgtcttt	caataagtgc	tttagaaaac	480
aggtgacaac	tgattgggcc	ttgaggtatg	aatggattta	gccaggcaat	taaataggaa	540
agcagatact	caagacagat	taaaacagct	tgagagaagt	gaaatgagca	agtgtgaagac	600
aattgatact	gtccatggat	tttagaaaagt	gtgaagtggga	gtgattgtga	tgaagcttga	660
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<210> 3289

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 3289

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gatgaaaaga	agaggtgact	gttgatcag	ctctaaaggc	ctcacttttg	gtgaaatggg	180
acctaaat	gattgcatac	ttgattactt	gctgtcaata	ctgaaattgg	cacttcataa	240
ttttaatact	attgaacttt	caccataacc	ctgtcctata	aagttgactt	gcaaatgaag	300
aaactctatc	tcttcaatat	tataaaatat	atccaagagt	cacaactagt	gagaaaagga	360
caggatctaa	ctaacaatgt	gaggctgtgt	cttcacacca	attcaacaga	gtatcttgta	420
aatgttgaga	ggagaggtac	tttaggtcat	gggtgtcttt	caataagtgc	tttagaaaac	480
aggtgacaac	tgattgggcc	ttgaggtatg	aatggattta	gccaggcaat	taaataggaa	540
agcagatact	caagacagat	taaaacagct	tgagagaagt	gaaatgagca	agtgtgaagac	600
aattgatact	gtccatggat	tttagaaaagt	gtgaagtggga	gtgattgtga	tgaagcttga	660

<221> misc_feature
 <222> (1)...(701)
 <223> n = A,T,C or G

<400> 3285
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 tacattaaga ttcttttaag ctataagttc ctgtccatc tgtcatttta tttttatccc 180
 ttgaaattta tttattgaag aaactatata ctttgctttg taaaattttc cacagtgtgg 240
 ctggctttgg ctgattgcta gcgtcatttg ctatttattt ttgtcctgta tcttgatct 300
 ggcgccttga tcagatttaa gttgattttt ggggacgtaa ttacttcata ggtattatgc 360
 atttttggat agaggagtaa agtagtgaaa gtaatgtttt taggatgggt tgtctggcag 420
 cagtgtgcaa aatgaattgg tagaggagaa atggagagct gcgaattaga aggcaggttc 480
 aatcagtga ggaaggaaag gctacagtaa ggcagaggca gggaaaagaa aggcaataga 540
 gatgagagag attttgaaag aaggaatttt caataccttt taggcttaac tataagaaat 600
 ggagagtcgg ctgggcatgg tggctcatgc ctgtaatccc agcactttgg aaggccaagg 660
 ccagtggatc acctgaggtc aggagttcaa gaccaacctg c 701

<210> 3286
 <211> 705
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(705)
 <223> n = A,T,C or G

<400> 3286
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 tgattatgaa agaaaataagg cacaaccaca gtttttcttt cttaaatttc atcactgttg 180
 atgtggttct tttgtgttaa aaaaaaaaaag tgcaactatc aaaactaaaa aattatagag 240
 taatattgcc gttctgctga ttttaaatat acaatacatc atacatactt tacaagcaag 300
 ttaaattggag ataaagtga aatcatagaa gatgcaaatg acctttcaaa atcaacacaa 360
 tgtgttctga aactttctgt actaatacca tgcactgttg atcaatgaac tatgtggttt 420
 tgaatcggat gtagaccatt agtactacta cttgagctaa acttctgcat ggttcataat 480
 ttttaaagtg tgtagttaat atgcatgtta tcgtcctttc ttccattctt aacagtatgt 540
 gccattttgc aaaacaaaaa tgctaataat cagtaatagt cctataaaaag atgttaactc 600
 tgtttagtca ttgactgac ttgctctaac cttaaaattt tgtgattatt gacctctgtt 660
 gcattttatc taaagccccc caaaaattat ctagccgttt cgaag 705

<210> 3287
 <211> 700
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(700)
 <223> n = A,T,C or G

<400> 3287
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 agcgcagccg attctgcccc ctacgattgg ttctggggact tctcctcctt ccgtgccctc 120
 ctagagccgg agctgcggcc cgaggaccgt atccttgtgc taggttgccg gaacagtgcc 180

<211> 898
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(898)
 <223> n = A,T,C or G

<400> 3283

ttgtanncct	tttctnatag	cttgggtcttg	actccttggt	gatcccttnt	ncnaattcgg	60
cacnggatta	cctncaaadc	tcaaggcggc	cttgaacatt	gagaaagaac	taccaaagcn	120
tagacacgtt	ttcagaagga	agacagcctc	ctccaggagc	atcttaccgc	acctcttggt	180
accgtaccaa	atggcgatcc	gagcnanccg	actggangag	agccgagcgg	cggcgctccg	240
agagctccag	gagaagcagg	ctctgatgga	gcagcagaga	cgagagaaaa	gggcactgca	300
ggagtggaga	gagcgagccc	agaggatgag	gaagaggaag	gaagagctca	gcaaactcct	360
gcctccgcgg	aggancatgg	tggcatcaaa	gattcctctg	ccacanatct	gatagataac	420
aggaaaagttc	cactgaatcc	gcctggaaaa	atgaaaccaa	gcaaagagaa	atcgccacan	480
gcaagtaang	aaatgagtgc	cctgcangag	agaaatttag	nagagaagat	tnaacagacc	540
gttcttcaaa	tgcgtttagc	cnangaagan	ttccttgggc	tatgccccca	cttggttaagg	600
aanattnatn	naaaaaggctt	nncctnangg	gnttctgggg	aaaatttggc	ccaccantat	660
gnttnncttg	ggnatttgaa	aaantatttt	tgganaaaagc	cttaaanaaat	tttgggggga	720
atttaaacc	tttggttaacc	caataggtat	ttggtatnta	actgggggtn	ggngnncctt	780
tnacttgggg	aaaacntttt	tccctttggg	cccttngccc	tgtcagcnac	naatgctttt	840
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<210> 3284
 <211> 705
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(705)
 <223> n = A,T,C or G

<400> 3284

nctaagtctg	ggctctcggt	ctttccgcag	gancccatcg	attcgaaaaa	ttgtgatgta	60
agtggtagac	tgggggagaat	ttaggggtct	cagaatgcag	aaaactagcc	acctccagtt	120
ctgtgcctga	ccaccatctg	actttggata	aatcccttct	gctctccac	ctagctttat	180
catttgtaaa	atgagtctct	aggtacagcc	ctttctgggg	ttgagacaga	gtttctgagg	240
agtaaaagcc	atgtcattgt	ggaaacaggc	agctattctc	acagctggca	tgagcccact	300
actcccctat	aatcagtgct	gataaaactgc	tctcatttgt	tggacttcag	actttcctga	360
cccactttga	atggggggcca	ctttgaatgg	aaactttcta	tgtattgaat	taaaagatct	420
ccaagataaa	tgggttaaatg	aaaaagcaca	gtgcaaaatg	gtgcatatga	tatcctacct	480
tttgggtaaa	ataaaaaaaaa	aaaaaaaaaa	aaaaaactcg	agcctctaga	actatagtga	540
gtcgtattac	gtagatccag	acatgataag	atacattgat	gagtttggac	aaaccacaac	600
tagaatgcag	tgaaaaaaat	gctttatttg	tgaaatttgt	gatgctattg	ctttatttgt	660
aaccattata	agctgcaata	aacaaggtta	caacaacaat	tgcat		705

<210> 3285
 <211> 701
 <212> DNA
 <213> Homo sapiens

<220>

ttaattactc tgggnatttg ntggattccc aaccttctaa tatttacttt tcctctttan 780
 taanc 785

<210> 3281

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(800)

<223> n = A,T,C or G

<400> 3281

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ggagacagtt	gatagccaaa	caacagtttt	ggattcactg	actgattatg	aaagaagcag	180
tagactggta	tcaagaatca	gtcagcaagg	aggccctcac	cagacgccag	tgccatgttc	240
ttggacttct	cagcctccat	attcatgaac	taagtttttg	gaatccttag	gcttccacgt	300
gtggaaagcc	tgagctaac	tactggagga	tgagccatca	cctggagcag	attcaggcca	360
tcctagtgtga	agcctcccta	ggccaagcaa	ccgtccaact	accagacatt	gaccattcag	420
ccttgaacat	tcagcacaaa	gacaaaacag	accagaccag	aagagtccca	cagaatangg	480
gaaactattc	agagaaaact	taagccacta	agttttatgg	ngntttgttc	tgtagcagaa	540
gcatagggcat	actgacaata	caaaccgaaa	tccttctaac	gtagtggacc	ttttcaggcc	600
agcatttttt	tcttgaaaac	ctggagcatg	tattccatct	tatagcagag	atcactttca	660
caatggttgg	ggctccttga	tttggaatgg	atgatgtaat	gaagccctct	tntncagatt	720
ggnaactaat	tactcttggg	gaattgactn	ggattccaca	ccccttctta	anaattntac	780
ttttnctctt	tttatcaaac					800

<210> 3282

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(828)

<223> n = A,T,C or G

<400> 3282

ttctaantgc	ttggttactc	gcctttctgt	aggatcccat	cgattcgaat	tcggcacgag	60
gcaagccagg	agtgtctggc	caggcctgtn	gtcgcancta	ctcnggaggc	tnacgccgga	120
ggatcgcttg	agcccancag	gtcaaggcta	cantnagccg	tgatcatgcc	actgcactnc	180
aaactgngng	acacagngag	accctgtctn	ttaacaacan	ancccatgag	cggcangccc	240
cccagtctgg	atggtggtaa	agaatcctta	agatcaaacc	cacgcagtgc	ttaaagcttg	300
gcctgattct	agggctgggg	ctggacaaac	tgctanagat	natgccgata	gcngtgtga	360
tcccctgnc	ctgatngtna	anggcatagt	gcagantgga	accctttccc	tccccaaan	420
attcagacct	gnngggctga	gtgggcctta	ttgagtcgcc	aaagtctctga	gaanctnggt	480
ntctggcttt	tagccttcag	ctttcttagg	ttntgatgca	atnagttgng	ttcccctgcc	540
cttttcttgc	catgcacttn	cgaangaang	gtttncnggg	ttgcntggga	ancnttnccc	600
naacngcctn	ttanccaccn	naagnttttn	nngaatacanc	acttccctnn	gggggggaat	660
acttttaaat	nccggaagnc	ctttnaacnc	ccttgggntc	cttcccnga	ntaccaagc	720
ttnaaatcca	aaattaccgg	natcnttagg	gctttgtagc	ntntgggttn	ggntttgcnt	780
nttttttctt	aanctttntt	tnaataaacc	aatttcttnt	gnnacncc		828

<210> 3283

gaaactat	tc	agagaaa	act	taagccact	ag	ttttat	gg	tg	ttttgt	tc	tgtagcagaa	540	
gcatag	gc	actgaca	ata	caaaccgaa	tc	ctttcta	aac	gtagtgg	acc	ttttcang	cc	600	
agcatt	tt	ccttgaaa	ac	ctggagcat	ta	tccatct	tt	atagcag	aga	tcactttc	ac	660	
aatgg	tt	ggg	ctcttgg	att	tgaattg	at	gtaatg	ag	ccctctt	nc	ngattgna	ac	720
ttaatt	act	c	tggnnat	ttg	ntggatt	ccc	aac	cttcta	at	tatttact	tt	tcctctttan	780
taanc												785	

<210> 3279

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 3279

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tcgctg	acaa	cttgatt	ggg	ttctc	cttca	ggttt	gaagc	gccctc	gaga	agtgt	ctaaa	120	
ggagac	agtt	gatagc	caaaa	caacag	tttt	ggattc	actg	actgatt	atg	aaaga	agcag	180	
tagact	ggta	tcaaga	atca	gtcag	caagg	aggcc	ctcac	cagacg	ccag	tgccat	gttc	240	
ttggact	tct	cagcct	ccat	attcat	gaac	taagt	ttttg	gaatc	cttag	gcttcc	acgt	300	
gtggaa	agcc	tgagct	aacc	tactg	gagga	tgagcc	atca	cctgg	agcag	attcag	ggcca	360	
tcctag	ttga	agcctc	cccta	ggcca	agcaa	ccgtcc	aaact	accag	acatt	gaccatt	cag	420	
ccttga	acat	tcagca	caaaa	gacaaa	acag	accag	accag	aagag	tccca	cagaat	aggg	480	
gaaact	at	tc	agagaaa	act	taagccact	ag	ttttat	gg	tg	ttttgt	tc	540	
gcatag	gc	actgaca	ata	caaaccgaa	tc	ctttcta	aac	gtagtgg	acc	ttttcang	cc	600	
agcatt	tt	ccttgaaa	ac	ctggagcat	ta	tccatct	tt	atagcag	aga	tcactttc	ac	660	
aatgg	tt	ggg	ctcttgg	att	tgaattg	at	gtaatg	ag	ccctctt	nc	ngattgna	ac	720
ttaatt	act	c	tggnnat	ttg	ntggatt	ccc	aac	cttcta	at	tatttact	tt	tcctctttan	780
taanc												785	

<210> 3280

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 3280

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tcgctg	acaa	cttgatt	ggg	ttctc	cttca	ggttt	gaagc	gccctc	gaga	agtgt	ctaaa	120	
ggagac	agtt	gatagc	caaaa	caacag	tttt	ggattc	actg	actgatt	atg	aaaga	agcag	180	
tagact	ggta	tcaaga	atca	gtcag	caagg	aggcc	ctcac	cagacg	ccag	tgccat	gttc	240	
ttggact	tct	cagcct	ccat	attcat	gaac	taagt	ttttg	gaatc	cttag	gcttcc	acgt	300	
gtggaa	agcc	tgagct	aacc	tactg	gagga	tgagcc	atca	cctgg	agcag	attcag	ggcca	360	
tcctag	ttga	agcctc	cccta	ggcca	agcaa	ccgtcc	aaact	accag	acatt	gaccatt	cag	420	
ccttga	acat	tcagca	caaaa	gacaaa	acag	accag	accag	aagag	tccca	cagaat	aggg	480	
gaaact	at	tc	agagaaa	act	taagccact	ag	ttttat	gg	tg	ttttgt	tc	540	
gcatag	gc	actgaca	ata	caaaccgaa	tc	ctttcta	aac	gtagtgg	acc	ttttcang	cc	600	
agcatt	tt	ccttgaaa	ac	ctggagcat	ta	tccatct	tt	atagcag	aga	tcactttc	ac	660	
aatgg	tt	ggg	ctcttgg	att	tgaattg	at	gtaatg	ag	ccctctt	nc	ngattgna	ac	720

ttggacttct	cagcctccat	attcatgaac	taagtttttg	gaatccttag	gcttccacgt	300
gtggaaagcc	tgagctaacc	tactggagga	tgagccatca	cctggagcag	attcaggcca	360
tcctagttga	agcctcccta	ggccaagcaa	ccgtccaact	accagacatt	gaccattcag	420
ccttgaacat	tcagcacaaa	gacaaaacag	accagaccag	aagagtccca	cagaatangg	480
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gcataggcat	actgacaata	caaaccgaaa	tccttctaac	gtagtggacc	ttttcaggcc	600
agcatttttt	tcttgaaaac	ctggagcatg	tattccatct	tatagcagag	atcactttca	660
caatgggttg	ggctcttgga	tttggaatgg	atgatgtaat	gaagccctct	tntncagatt	720
ggnaactaat	tactcttgga	gaattgactn	ggattccaca	ccccttctta	anaattntac	780
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<210> 3277

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(817)

<223> n = A,T,C or G

<400> 3277

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acattttaaa	acgtggctct	gaaatggaca	acaactgctc	accaaccagg	aaagacttca	180
ctgaagatac	catcccacga	acacaggata	gaaagaanga	anccccgcct	gtatttttcc	240
agcaaatata	acaaagaagc	tcttagcccc	ccacgacgta	aagcctttaa	gaaatggaca	300
cctnctcggt	caccttttaa	tctcgttcaa	gaaacacttt	ttcatgatcc	atggaagctt	360
ctcatcgcta	ctatatttct	caatcggacc	tcaggcaaaa	tggcaatacc	tgtgctttgg	420
aagtttctgg	agaaagtatc	cttcagctga	ggtagcaaga	accgcagact	ggagagatgt	480
gtcagaactt	cttaaaccctc	ttggtctcta	cgatcttcgg	gcaanaaacc	attgtcaagt	540
tctcagatga	atacctgaca	aaagcagtg	aaagtttnca	attgagcttc	atgggattgg	600
gaaatatggc	aacgactttt	taccogaatt	ttttggggcn	aatgaagtng	gaagcaaggt	660
gcaccctgga	gaacccccaa	nttaaattna	attttcctga	cttggttttt	gggaaaaaaa	720
anantgctt	nttaaaaaaa	aaacttggag	cctttttgaa	cttttgggg	gtcggnttta	780
cctagatccg	gaccttgnta	agntnctntg	gntgggnc			817

<210> 3278

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 3278

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tcgctgacaa	cttgattggg	ttctccttca	ggtttgaagc	gccctcgaga	agtgtctaaa	120
ggagacagtt	gatagccaaa	caacagtttt	ggattcactg	actgattatg	aaagaagcag	180
tagactggta	tcaagaatca	gtcagcaagg	aggccctcac	cagacgccag	tgccatgttc	240
ttggacttct	cagcctccat	attcatgaac	taagtttttg	gaatccttag	gcttccacgt	300
gtggaaagcc	tgagctaacc	tactggagga	tgagccatca	cctggagcag	attcaggcca	360
tcctagttga	agcctcccta	ggccaagcaa	ccgtccaact	accagacatt	gaccattcag	420
ccttgaacat	tcagcacaaa	gacaaaacag	accagaccag	aagagtccca	cagaataggg	480

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aggnnnnnttg taannccnta ctgaaatcct ttgnatcncc tcnttgtttg acccattnat      60
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tctggcattt gtgctattgt tcattctctg tgaaggctgt tcatagttgc tatagcctgt      180
gttttagttt gtgatttcat caatcccac tcctccgcn gntaatgcat tctaaacatc      240
ctaccccact ttagaaacgg acgtggggaa cgcttggtca ttttaagcaa caataaattt      300
aggtgaatgt ccctaagtgt ttactgnttt tatccagtca aggatttgct tttccttgaa      360
catttgtttt aaattctggg gccaaaatgc aaaggagaag ttctattcaa aggcagtagt      420
tgaaatctat tatttttagtt agcctacttg gcatttacta catcggtcac ttctccaggc      480
tgccctaaat taggttgatg gagtgagaca tgccaaacat tcacctttgg gaccatagca      540
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tctanttccc ctcagaaaaa cccaaggagt tgaanggaca ggattttgnc tangcnaaaa      660
atctaagact cgtgcccttc tggtagatng gggttttaag actggaatgt gtaataggag      720
cactgccttt gcccaatcna atgantgaca ggttaactnn gaaaatggga caatcacatt      780
tcncttac

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<210> 3275

<211> 814

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(814)

<223> n = A,T,C or G

<400> 3275

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tcccatcgat tcgaattcgg cacgagtatc agacaatatt ttattatttt ttcatagatg      120
ttctgccaca caaagaactt ggggtgtaag gataaggcaa aagctccaat cccatttttc      180
agttctccta ggatgcaccc ctcagggagc ctggccagag ttccgnngcc cgtgagcgtc      240
agctgttgct ttattttcca tcaaagccct ctgagaagtg agacctcagc aattccggga      300
gccacataga gacagacttg gcaagggacc ccctggntct gagccagtag ctgccatctg      360
gaaattcctc ttttagcctc tccttagagg tgaatgtgaa tgaagcctcc aggacccgc      420
tgaatttctg aggccttgct taaagctcag aagtggttta ggcatttgga aaatctggtt      480
cacatcataa agaacttgat ttgaaatggt tttctataga aacaagtgct aaagtgtacc      540
gnattatact tgatgttggt catttctcaa gtccattttc tcagntctat nattntagaa      600
cctangtcag ttcttttagn attataactg gncctacatt aaaaaaatgc ttctcgaaaa      660
aaaaaaaanna tnnnantaca aannaaaaan ctctgacctt ttaaaacctt ttggggngcn      720
gatttacctn ngaanccga cctgatnaga aanccntggg taaagtntgg anaaaccca      780
cctnnaaagg cnagggnaaa aaaaagcccn tttc

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<210> 3276

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(800)

<223> n = A,T,C or G

<400> 3276

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gnnnnnnttt nnnnnnnngt ttcnaatnct tggcattgat ccnttgnttg atcccttnat      60
tcgctgacaa cttgattggg ttctccttca gggttgaaag gccctcgaga agtgtctaaa      120
ggagacagtt gatagccaaa caacagtttt ggattcactg actgattatg aaagaagcag      180
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<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 3270

tttcaaattcc	ttgttnacgc	cctttntnna	ggacccctcg	nttcgaattc	ggcacgaggt	60
tttgttctct	tctttgacta	ttaaaaagct	cagtgcctna	tatttctaac	atatggcaag	120
tgtttctgtg	taccttaca	gtctatatat	aaatttttct	tctcttgaca	gggttntatc	180
tatatncccc	aagtnacccc	taattctttt	agaataaggc	agaaaataaa	tcaacgtaaa	240
ggttgagacc	aagccagaga	cagctggcca	aagtagctgg	ttcagggata	taacctgcaa	300
gttgccaacc	cagcgcattc	ttctcaccc	tcttccaccc	tacgaaaggc	catatcttac	360
aagagatgct	ggtaaagtgc	anacattcac	tgngtnaggc	ttntccacan	ctagcagtgg	420
catgagatca	gttcaatcca	atgacactga	aatggaactc	tccaagttag	tttctgcaaa	480
agacttctct	gttaacaggg	agttnttaag	ggaaatattg	caccttcctt	tcccctgctt	540
tttcaatcna	ngcatgatgt	cnggtgctac	cngnaaccca	tactgcnaaa	catgagggca	600
aatgagcctg	ngggaattta	aancntaac	actaattnaa	gangaaaaaa	gatgcagaan	660
cctngatcct	tttgggncca	tnatttaanc	cccttgacc	cactttttga	aaccagncct	720
ctanaacctt	tnngtgagtc	nnntttactn	ggatcccnta	actngataag	aancnnttgn	780
ntcc						784

<210> 3271

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 3271

caaactcnntt	gctctngttc	tttttgacgg	atcccatcga	ttcgcgacag	ctctccaata	60
ctcaggttaa	tgctgaaaaa	tcatacaaga	cagttattgc	aagagtttaa	tttttgaaaa	120
ctggctactg	ctctgtgttt	acagacgtgt	gcagttgtag	gcatgtagct	acaggacatt	180
tnannggcc	caggatcggt	ttttccacgg	gcaagcagaa	gagaaaatgt	tgtatatgtc	240
ttttaccggg	cacattcccc	ttgcctaaat	acaagggctg	gagtcctgcac	gggacctatt	300
agagtatttt	ccacaatgat	gatgatttca	gcagggatga	cgatcatcatc	acattcaggg	360
ctattttttt	cccacaaacc	caagggcagg	ggccactcct	agctaaatcc	ctccccgtga	420
ctgcaataga	accctctggg	gagctcagga	aggggtgtgc	tgagttctat	aatataagct	480
gccatatatt	ttgtagacaa	gtatggctcc	tccgtatctc	cctcttccct	aggagaggag	540
tgtgaagcaa	ggagcttaga	taagacaccc	cctcaaacc	attccctcct	caggagacct	600
acccttcaca	ggcacangtc	ccccaaatga	gaagtctgnt	accctcatt	tcttnatctt	660
tttacttaaa	ctcaagaggc	agtgcaggn	agtcaggggc	aagacattac	atttttcata	720
ctttcccaca	tctgaaaaga	tgacagggga	aactgcaaag	cc		762

<210> 3272

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3272

ccttttctaa	tgcttggcat	ttnaatcctt	gttgatccct	cgattttaat	tcggcacgag	60
gcactgcgtc	aagccactcc	tggagaagaa	tgatgtggag	aaagtgggtg	tggtgatttt	120
ggataaagag	caccgcccag	tggagaaatt	cgtctttgag	atcaccagc	ctccactgct	180
gtccatcagc	tcagactccn	tgttgntcca	tgtggagcag	ctgctccggg	ccttcactct	240
gaagatcagc	gtgtgcgatg	ccgtcctgga	ccacaacccc	ccaggctgta	ccttcacagt	300
cctggtgcac	acgagagaag	ccgccactcg	caacatggag	aagatccagg	tcatacaagg	360
tttcccctgg	atcctggcgg	atgagcagga	tgtccacatg	catgaccccc	ggctgatacc	420
actaaaaacc	atgacgtcgg	acatttttaa	gatgcagctt	tacgtggaag	agcgcgctca	480
taaaggcagc	tgaaggggca	cctgcacccc	actgatgccc	aaactgtcag	actttggggg	540
atccccgcct	tagggcagtg	ctgcatggct	gccctgattc	caaagtgtct	ttatcgcttc	600
tgtgtgtggg	atcgcccgcc	ccaaccccgg	ggccgcttna	gtcttgcttg	gnaggatgcc	660
ttcccccagg	anggcagtga	ngggatgccg	caacctngac	ttnttannct	cctgggggtt	720
ccgcccggcn	aaaactggct	gncttaaata	ctgggcttgg	nagttgtttc	aataaaaagg	780

<210> 3273

<211> 926

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (926)

<223> n = A,T,C or G

<400> 3273

gnnnnntttt	tanncccttt	tcnaatnctt	ggaatttgac	ntcgttgtnt	gatcccatcg	60
attcgaattc	ggcacgagag	aagttctagc	acatcttaat	tnccttnata	gtttaattga	120
tgaagagcat	tgntgaagag	ttaggaggtc	tccctttgtc	ctacattntc	cgntttttta	180
gaatgagaag	atgagaacga	cctccagttc	acatgacggc	tgcnngagg	atccagtang	240
ggagatacag	tgctcagcac	caagcatgtg	caagttagca	caatccaatt	ttacatcatg	300
ttaccctcc	aggacagttg	ctttgacgtg	gaaggtatag	agggagttga	aagganggtt	360
tgcatgggtg	gcagangtgc	cctgcagcct	tcctntncaa	gctgnaance	gtttntgncc	420
ncctggaanc	ngttggaaag	tgtgtggtat	ggnatgaaga	tcccattttg	actctgttcn	480
tgatcttgnt	tactnaagtg	anccttgctc	nttgacngta	ttggatgatn	cattgatcct	540
anctatccct	taactggctg	ggtgntgctn	cngggggaca	ttgntttttt	nncaatttcc	600
aatgcantcc	ttnnngnanc	tnnttcctgt	cacanccanc	caattnaatt	natancctgt	660
gnattngaana	ccnaanttcc	cagggccgtn	ngntagtctn	tntaaaanng	ggntcaanta	720
aantttnnnt	atgangccnt	tngtataann	ttttntaacc	atnggnntnt	atgncnantt	780
ncaacctgng	gttntctctn	ataactnggc	nnttttgtaa	attcnngntn	tnntntgata	840
atntacnttn	ttttcttttn	tnagnggctt	tatntcaaan	taatccncca	atanntaata	900
taattgttct	atnnatgnaa	ncngcc				926

<210> 3274

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (789)

<223> n = A,T,C or G

<400> 3274

ggnnactatc	ncatantaca	tcnntnannn	cacccatnct	nntntnanat	ntctcntggg	840
nantnnntc	tctnnanac	ncnctaana	ngatctctca	ntacatgan	ntanatnacn	900
natanngnnn	anactnannn	ngtctctcnt	atnnnttatn	nanngntcan	nttacnann	960
nannnaanng	tatnntngtt	cnaaanntat	ntataaancn	ncgtnnnttt	nnannagatg	1020
tacnccnntn	anntaannat	ctangctccg				1050

<210> 3266

<211> 798

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(798)

<223> n = A,T,C or G

<400> 3266

gnnnnnnant	nnnttttnaa	atccttnttg	aatcctttga	antaccatcc	cntttttncga	60
attnggcacg	aggaaagggtg	gcgcgcttct	cacggctgag	ttgctgcgcc	ttgcagacgg	120
aagctcccca	caggcagagc	tgcttggatg	tgtgagtcac	gaaccagaga	agccccgcctc	180
catgagcagt	gactccccc	gccctgtgac	ctccctcctn	cttgcagctc	ctcctggcac	240
cagtccccag	ggctctcctg	ttggtagttc	ctgcttttct	tcttggaaat	tcctcgtgga	300
cctcgagatc	tttaccctaa	aatagttctg	ttgaatttca	ccctggcaat	gtaaattgat	360
agcttatctt	cacagatgcc	agacaatgga	caactcacca	tcagtcctct	gctcacctga	420
gacaaatgca	tgtctgattg	cttctctctg	cctattgntt	atgtgaaaat	gcagattcac	480
tgagccagac	taaggcatca	gtgactgttc	ctctacctgc	ctctcacatg	gagattgtgt	540
attcagtgaa	aggctgatca	aagacccaaa	ggaatgcaac	agtttatctc	ttatctacct	600
atgacctgcg	aactggccaa	caaccagtt	gttgnccgct	tttcagacag	aaccagtgtc	660
atcttacacg	tattnaaatg	gatgtcctgg	ngtctnccta	atatgtattc	aaaagcaagc	720
tggggcctng	accacccttn	ggcacatatt	cctcanggac	atcattcctg	angctgtgtc	780
actggcatgt	ccttaanc					798

<210> 3267

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(817)

<223> n = A,T,C or G

<400> 3267

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cgattcgaga	aatcggaaca	aaagtagaag	ttgtggaaag	gaaagaacat	ttgcatactg	120
acatttttaa	acgtggctct	gaaatggaca	acaactgctc	accaaccagg	aaagacttca	180
ctgaagatac	catcccacga	acacaggata	gaaagaanga	anccccgcct	gtatttttcc	240
agcaaatata	acaaagaagc	tcttagcccc	ccacgacgta	aagcctttta	gaaatggaca	300
cctnctcggt	caccttttaa	tctcgttcaa	gaaacacttt	ttcatgatcc	atggaagctt	360
ctcatcgcta	ctatatctt	caatcgacc	tcaggcaaaa	tggcaatacc	tgtgctttgg	420
aagtttctgg	agaaagtatc	cttcagctga	ggtagcaaga	accgcagact	ggagagatgt	480
gtcagaactt	cttaaacctc	ttggtctcta	cgatcttcgg	gcaanaaacc	attgtcaagt	540
tctcagatga	atacctgaca	aaagcagtgg	aaagtttnca	attgagcttc	atgggattgg	600
gaaatatggc	aacgactttt	taccgcaatt	ttttggggcn	aatgaagtng	gaagcaaggt	660
gcacctgga	gaacccccaa	nttaaattna	attttcatga	cttggtcttt	gggaaaaaaa	720
ananctgctt	nttaaaaaaa	aaacttgagg	cctttttgaa	cttttggggg	gtcggnttta	780

cctagatccg gaccttgnta agntncttg gntggnc

817

<210> 3268

<211> 725

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(725)

<223> n = A,T,C or G

<400> 3268

gnnnttggtc	taatgctngg	ctctcggtct	ttctgcagga	tcccatcgat	tcgaattcgg	60
cacgaggata	ggccacattc	cagtaagaac	tcaatttgtc	tcccaaattt	gcagaaacaa	120
aacgtgattt	aaaagctgag	ctttttatca	gaaagctttt	ttgatgtttt	aagtgttatg	180
tgacttggtg	aactttttta	aaagtgtctac	ttttaaaatc	ccagatactc	tgaatttttag	240
aaaacaaact	aattctgatt	gtgtcggtgc	caagtaccct	ttttttttta	tgaataggga	300
ccaatgccac	attgcttttt	atatttcttt	cttttttaat	gttgccaaaa	ccaaaagtag	360
ctttgttttc	ctttgtattt	tgctactttg	cagtatttgt	gtgtgtggtt	ttntttcctt	420
aatttgaaaag	ggacagnnct	gtgtatgttt	ataaactaaa	tgaagataag	atattatntt	480
gtataaacat	tcactctgaga	acaatcaaag	cagtagccac	atggtgctgg	ctcctttgca	540
gcacaaacct	ggtcattttg	atgactgtca	acagggaagac	ttgaaaaatc	acgtggattc	600
atattaccac	cgctctcatt	tcattggagtc	ttctgatcaa	aaaaaagctc	acgtcgattt	660
tcttctttnc	tttctctttt	ctaagaaaat	tgggtgttnt	gaccagaatg	ggaattttgc	720
ttccn						725

<210> 3269

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 3269

gntttgaann	ccctttngnt	tcanatnctt	gtttgangcc	cttntnnagg	accccatcgn	60
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catgtactct	gcatctgtgg	attaaaccaa	ttgcagatca	aaaatattag	aaaaaataaa	180
aataatacaa	ataaaaaatac	agtatnncca	gttattttaa	tagcatttac	attgcattag	240
gtattagtct	agggataaag	tatacaggcg	gatgtgctgt	ggttatatac	aaatatgtca	300
ttttatgtaa	gggacttgag	tatacttgga	tttttggtat	ctgtgggttg	gggggacggt	360
ccaggaacca	ataccccatg	gataccaagg	gacaactgta	cttattttacc	tttattgtca	420
ttgcaagctt	cttatggaaa	ctttatagga	atgaaaatat	acatgttaag	aagattaaac	480
attagatagt	agatggtttg	ttgcatgcta	gaactgttag	tattgttgaa	tcaattactt	540
tggtttcatg	aaaaaataaa	cgataaatat	ctttaaagag	aactagaaga	attttttgtt	600
tgagtnatc	cangctgnag	tatgatcnct	tactgaagta	gtttgattgg	ctggctaaac	660
ttanaattat	tggtttcttg	gtttgtanct	gccantaggg	gttantaatt	gtaangataa	720
aatgggtntg	tgtggnttaa	agggaaaatta	ggtggngggt	aaaaatcttg	ggaaaatttt	780
ccgaac						786

<210> 3270

<211> 784

<212> DNA

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cagcctcatg atcaccaaca tttaatgccc aacccaaaat tataccnggt tctgntttga 420
cagacttcta gatgccatgc acactcttag ggaaaaaata ttgggattaa ancccatngg 480
cattggacta acaaacagga atttacaagg tnggaaaant ttncnaccaa tgaaaggggg 540
gatcncaagg ttttcagaa nggntcntaa tcncaggnaa taaaaattnc tctngggcaa 600
gccctgagtc ttaancagca aaaaanactcc tcccgaancc tgnagaaaaa agggggggca 660
gccaggcccn naaanggaan gtnaggcccn agatnaacaa ngtnacctcc ncccagnaaa 720
ccccannccc caactggnac cngggnaacc cacaacnttt gcngaagncc aaaaaagncc 780
nnnagangga aaaaaaaaaa naananaaaa aacctnnnag ccctaagaa accttagggg 840
nggcccncc 849

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<210> 3262

<211> 858

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(858)

<223> n = A,T,C or G

<400> 3262

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gnnnnnnttn nnnntttcta atgcttntna aatnccttgg naggcaggatc ccantttcaa 60
ancgcttgagg gcctatacca ggagagcgga tccagacgt ggctgcattg nccatgggct 120
tctctgtgaa agaagacctt tcttgccag gactcgcagt gggtaacctg tttcatcgnc 180
cncgggctac cgtcatgggt gatggtgaag ggagtgaaca nancggccct acccccaggc 240
agngtcattt cgtacccttt ggagaatgca gttcctttta gncttgacag tgttgcaa 300
tccattcact ccttattttc tgaggaaact cctgttggtt tgcaagtggc tcccagtgg 360
gaaagagtgt atatggtagg gaaggcaaac tcagtgtttg aagaccttcc agtcacctt 420
gcgccaaagt cccgtaatcg cctgtttcaa gaaaactctg ntctcagntt caactccct 480
caattctctg agtnngaaca atgaaagntg acctgctent ttctttctga acngcaagt 540
ctacaatgat atttcaagct ttgctggcct cggacattaa gcattntagc ccaaggatca 600
attctncctg gaattaataa ttccacntgg gangcctggc aaggtttggg atgaaaaatt 660
ggggaagccc ttatggggga aananctttt gaacaanttc aataagaatg cnttcnaag 720
aacccttggg tgacccntt gccaaaaant ttggcaacaa tgaacatngt tcaagncttt 780
tatggggggg gaantgccnn nggntngaa nttaggcccc tngnaaaaat caattttgga 840
caacctcccc ttcataac 858

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<210> 3263

<211> 835

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(835)

<223> n = A,T,C or G

<400> 3263

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tncctttcna atccttnttg cangatccat cgattcggag tttttttttt tttttttttt 60
tttttttttt tttttttttt tttttttttg aagttttttag ttaattaang ncttgcgaa 120
aaatccanac cagntttatt tcaggggna nagtnanaaa ncctgcaat ntgncttaa 180
ngggattcga ttngaggccc ccncncggg gganantgtn anccagggat acnacaant 240
ncttggaag tcaactggana ccgacnttcn tgcatttngg gaaanaant gggtttngg 300
nnaantaaag ctttttgacn atgactgntg cctaaananc cntggcattg gccagggatn 360
ctgtggaacc cttttttntt tnaatgggtg ntgagcatta aactgncact tgttnanngn 420
nattagannc tttgatngna acttttnann anccccgaa nctggnncc cctnaatntt 480

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tnaattngcc	cctntttttc	cnanggggat	atantatttn	ntntngggtn	ggaaaatttt	540
tanaggatna	anntcncct	ttttttnttt	tttntcccn	atcntttnt	tntncttttn	600
nncccttttt	tntnttgngc	nnnttanaaa	tttctctgta	antggatttt	naatttttngg	660
nnaannnant	ntaanggntc	cctttttttt	aatttnanaa	aatgggtttt	natnttctac	720
tcttcnancn	cntnnggntt	ttcnacntca	natgtngcnn	nngnnaaaaa	aantnntttt	780
ccatgggnct	nnctaanata	aatcttctnt	naatgggtnt	tannnttttt	caaan	835

<210> 3264

<211> 758

<212> DNA

<213> Homo sapiens .

<220>

<221> misc_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 3264

ctaatagctt	ttcattcnaa	tgtttgtgat	ccctcgattc	gaattccggt	gctgtcggac	60
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tcttgagaaa	ggcaaagaca	actttgtaca	gtgccctgtt	gaagcactca	aatgggaaga	180
aaggaaatgt	ctcatcctgg	aagaaaatcct	ggcctaccag	cctgatatat	tgtgcctcca	240
agaggtggac	cactattttg	acaccttcca	gccactcctc	agtagactag	gctatcaagg	300
cacgtttttt	cccaaaccct	ggtcaccttg	tctagatgta	gaacacaaca	atggaccaga	360
tggttgtgcc	ttattttttc	ttcaaaaaccg	attcaagcta	gtcaacagt	ccaatattag	420
gctgacagcc	atgacattga	aaaccaacca	gggtggccatt	gcacagaccc	tggagtgcaa	480
ggagtcaggc	cgacagttct	gcacgctgt	tacctatcta	aaagcacgca	ctggctggga	540
agcggtttct	atcagcttaa	ggcttgtgga	ctcttcagaa	cctgcaaaac	atnaccaag	600
gagcccaaga	ttncctttat	tgtgtgtggg	gacttcaatg	canaccaaca	gaanaaggtc	660
tncaaact	ttgcttcttn	cagnctnaac	cttganagnc	ggcctacaag	ntgctgaatg	720
cttgatgggc	aatttagaac	ccccatacac	ctacctgg			758

<210> 3265

<211> 1050

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1050)

<223> n = A,T,C or G

<400> 3265

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gcggcgctga	cccggncggn	cccacaccgc	ctctttntct	ttctttgccg	cggactccct	120
ttcctgcctc	caagacctgg	gtgtctacaa	ctgtgagccc	agcttggncc	aaaggcagtc	180
cccatgggac	ctagactcac	cttnccttg	cctctatgaa	accttctgct	tgggcccanc	240
ccctgttcca	gctcccagcc	tgcacttct	tgtgtgggact	cangcctcca	agctccctgc	300
ccagcnagcg	gncttcagcc	accgtcttcc	cctttctttc	gggcccgtnt	tgtnagcanc	360
tttgcaaaa	cccanaggg	acctngtgcc	ccttgcaaac	netgtgcct	tgggtgaaga	420
ctgnctgtn	ctgcatcatt	ttncatgggt	gncgggggtg	tggggntnnn	cnngncggnn	480
cntgntcaca	atcaancatn	tatncctnan	ntnggggatn	acnaatggcc	tnaagantgc	540
tacntcttan	nnnganttn	tcangnnntn	ttactaacnt	ncnatngnnc	ntnganatag	600
ncatgnantn	ttagtntntg	atntancnc	nattgcagcc	ncataattat	cctacaccac	660
anannaancc	ntccttnnag	aanntgnct	ctatgnaana	gnctnnnaat	gtggcnnncna	720
atataanntn	ntntnctnnc	atcntannnn	nttcctacgt	nannnnncat	nnncnctntn	780

```

cangacagag actgaagaat aaagaaaatg agtttcattg ccagatcatg aaatccaaag      480
aaactttaaa gaagatgagt tgtgtaaagt gaactgaagg gaggggaagag ctgccttcgc      540
ctggtacaaa gcacacatgt gtatacacat ggggtcaagca gtgctggtct gtggctgcct      600
gtccagagga atgggaaata ttcctttgtc tttagcactt catttttcta aataaaaaatc      660
anccaatatg tctaaaaaaa aantttnttn ataataaacc tngaagccct nttanaacct      720
tntnntggag gtccntnttt acctatgat tcccggaaact tggataagga atcccntttg      780
gattggnat  tttgggcna  aaaccncna  ncttggaaat  cc                      822

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<210> 3258

<211> 1052

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1052)

<223> n = A,T,C or G

<400> 3258

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tttccctnaa aaaaattggn ncccttttng ggcctnaaa aattgggccc ttttgggggn      60
nnnnggccaa ngggaaatcc ccccaatnnt ttttataanc cgggcctccg gttaanntcc      120
aaagccaatt ttaatttaac cttnaggggg ccttgggccc ctccccaatg ggttggggttn      180
nnnntntcca aaaaaanggc ccccccnnaa ttnccaaaaa ggggtntntn ttaacctttt      240
tccttnaatg gggggttnna aaacctnaa aaattttnnn ttaaccaatt naccaccca      300
aaaaaatcct tttttncca attttntntn cctgggaaaa ccttttcccc tttttaatgg      360
ggctttttta ccttgggtcaa ccccccaact taggtanttt ggatggtcct taagctaann      420
gaaccnaaat tnttggtatc atttcacttt gtcacatcag ggaaccctat cctcttagtt      480
ctcccattga gatttcactg ctggactaag attattcttg attcgtagtc attggnntct      540
gnttccattc attttcagca ctgattatgt taatcgatatt gctttgagtt ttttctttgn      600
tcaaatgttg nttattacat tcattttgnt tcatatacac acattntttt tttttaactg      660
gcattttgag gatattggng ttaatgggaa ggaaaaagga atggtgcaaa agcacatggn      720
atttgatttc caaagacctt gacctcang cattagcaag gtcacttggg ttcagacct      780
cantttctct actctcaaaa tggagggtaa tatcccgaag agnactttga caaccacacc      840
tataaagcct ggtgcaana atttnccttt tttgnaagta aattgnggct gggttcttaa      900
ttncataatn ngggataatg gggaattcct anggggaatt ngggctatta ggaatccntn      960
cnattttaaa aaatggtatt ttaacangcc ttggtaaaaa gggttcanttn catggccatn     1020
ngggaacaat gttcccntt  tatgaannta cc                      1052

```

<210> 3259

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (800)

<223> n = A,T,C or G

<400> 3259

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gnnnnnnttt nnnnnnnngt ttcnaatnct tggcattgat ccnttgnttg atcccttnat      60
tcgctgacaa cttgattggg ttctccttca ggtttgaagc gccctcgaga agtgtctaaa      120
ggagacagtt gatagccaaa caacagtttt ggattcactg actgattatg aaagaagcag      180
tagactggta tcaagaatca gtcagcaagg aggcctcac cagacgccag tgccatgttc      240
ttggacttct cagcctccat attcatgaac taagtttttg gaatccctag gcttccacgt      300
gtggaaagcc tgagctaacc tactggagga tgagccatca cctggagcag attcaggcca      360
tcctagttag agcctcccta ggccaagcaa ccgtccaact accagacatt gaccattcag      420

```

ccttgaacat	tcagcacaaa	gacaaaacag	accagaccag	aagagtccca	cagaatangg	480
gaaactattc	agagaaaact	taagccacta	agttttatgg	ngntttgttc	tgtagcagaa	540
gcatagggcat	actgacaata	caaaccgaaa	tccttctaac	gtagtggacc	ttttcaggcc	600
agcatttttt	tcttgaaaac	ctggagcatg	tattccatct	tatagcagag	atcacattca	660
caatgggttg	ggctccttga	tttggaatgg	atgatgtaat	gaagccctct	tntncagatt	720
ggnaactaat	tactcttggg	gaattgactn	ggattccaca	ccccttctta	anaattntac	780
ttttnctctt	tttatcaaac					800

<210> 3260

<211> 1098

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1098)

<223> n = A,T,C or G

<400> 3260

gnnnnnnnnt	ttnnnnnttt	ttgnaaaaanc	ccccttttgc	naaatngncc	ctttttntgg	60
cangggatcc	ccatntttat	ntcggacatt	ttcgggccac	cggaaggggc	cgggggcccc	120
cgggccncca	ggncgggna	aaggccccc	ttggcgggcc	cccggncggc	cccaatgggt	180
tccaaaaagg	gaaaaaaaa	aaagggggaa	cctgggaagt	tggcccanga	aaangnaaaa	240
aaaggnaagn	aaaccttccg	ccaatgggaa	tggggaaaaa	taattttttc	ttgaaaaacc	300
caaaaaagga	atgggttatt	ttcaaattta	aaaaaggaac	nttgggaaga	aagaattggc	360
ttcccacncg	cagaaagggc	attactggct	atgtcaagta	aaagaagtcc	ttcaaagctt	420
agttgatgat	ggtatggttg	actgtgagag	gatcggaact	tctaattatt	attgggcttt	480
tccaagtaaa	gctcttcatg	caagggaaac	ataagttgga	ggttctggaa	tctcaagttg	540
tctgagggaa	gtcaaaagca	tgcaagccta	cagaaaagca	tttgagaaag	ctaaaattgg	600
ccgatgttga	aacggaagag	cgaaccaagg	ctntgcaaaa	agagcttttc	tttcaacttc	660
gagaccaaa	gggaaccagc	tnnaagggcn	agaaaagttn	gaaaaaaatt	ccaaaggaac	720
tggtggaatc	ccccaaaagg	tttggttggg	gaaagaaaaa	ttcccggccc	aangccaaaa	780
tttaaaaggt	ttngccccca	aagggaaaaa	ncttgnctt	taaccagga	attggggacc	840
ctggggantta	aaaccnataa	ttttcccgcc	naatttnaaa	aaattcnttt	nggggncccc	900
naaaaanggna	aaaaaatttt	nggggggttt	tggnaaaggna	aaaatttnaa	atttgatttt	960
ngaaaactttt	ttnggggaatt	ccccagaaag	aactttttgac	cttccnttng	acctnaaaaa	1020
ttttcccttg	gggggggtgna	anggatgttc	ccaagctttg	tggnatattg	gtaaaatttt	1080
naaccttttn	tncttacc					1098

<210> 3261

<211> 849

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(849)

<223> n = A,T,C or G

<400> 3261

gnnnnnnattn	cccttttnaaa	tnccnngaa	ancccttggga	agcactaccn	ctcngacccc	60
tttggaaacgn	cgactnctnn	atatatcnng	gatataatag	gtgataagtt	ctgncaatta	120
gtaacatcng	gaaaaaacag	ctnngncctg	ggngaaaaag	gatgccaaaa	tngcctggaa	180
aagagcagng	gagaggagtc	cgggagatgn	gngatgcac	gggacgcanc	atngntnaac	240
attcactggg	tctgccaaaa	atgtggattt	gngggctgct	tagatngtta	caaggcaaaa	300
ggaaaggaaa	gagttctaga	gataaaagaa	ctatatgctt	ggatgaagtg	tgtgaaggga	360

<400> 3253

caaateccctt	ggctaacttgn	tcttttttgca	ggatcccatc	gattcggact	tgaaaaaaag	60
tcacatccag	caaatgcagg	gtcacatgaa	atatgggcct	cctggaatcc	ctacagtgga	120
tggagactgg	ctcatacctt	gccagatccc	tctctcagtt	ccagccttct	ggacaaggcc	180
tgggctaaga	ggagctgnnt	cgttatctct	tcaccactg	ccctctcagt	atcaccagtc	240
ccaaagacag	gatacgtccc	tgtaacccaa	tctctcggtt	gattgatagc	agaacagctc	300
ttgttggtct	gagaaggcag	gataagtgac	cacatattta	tgccactacc	tccaccaggg	360
agagtccttc	tccacaggct	tgataaattc	aatcaccaac	tgtgctgtcg	tccctgactc	420
tgctaactcc	gttcttcctg	ctttcctgct	cgtatctca	gtctgcaactg	accccaaggc	480
tgggctgaca	tcaagatggg	agcccagccc	acgggcttta	taaacaccca	agaaccgttt	540
cagatcttct	ctgggtgctga	tgcanagtagt	tttaaatttt	tctcaagttn	cagtgataga	600
aaaccacac	aatcatcctc	tggccagctc	taatagaata	tcagaggtn	anaaggccct	660
tcanaagaac	ttttnacnca	atgcctgctt	gggggaaang	gaaagttgac	ttaacccccg	720
ggttcaaacc	tggccatttn	anggggaaaa	aancttnaag	gttcnttacc	centngnttg	780
gcatgcttgc	cncncnc					797

<210> 3254

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (794)

<223> n = A,T,C or G

<400> 3254

gnnnnnnnnng	gtnnnnntttc	aaatccttgc	tcttgcntgt	ngttgatccc	tcgattcgaa	60
ttcggcacga	gggagcaaat	aataagccct	tgtgtgtgtt	tttggcagaa	aagccatgaa	120
gacaagcaga	tgctaataaa	agaatctgca	tctttgttng	ttattccatg	ttaaagggtt	180
gaaataaagg	taagagaatn	tttgtactgt	tgttatcccn	aatccatctc	ctgttctact	240
ctctattcaa	aataatcgta	cagtgcactaa	cagagctttc	agaccaacag	tattttttat	300
ttttcatttt	aagttcaggg	taccaacatt	tctttccatg	gatgttgatg	gacgtgtcat	360
cagagctgac	tctttttcaa	aaatcatttc	ctctgggttg	agaataggat	ttttaactgg	420
tccaaaaccc	ttaatagaga	gagttatttt	acacatacaa	gtttcaacat	tgacccccag	480
cacttttaac	cagctcatga	tatcacagct	tctacaccga	atggggagaa	gaagggtttca	540
tggctcatgt	agacaggggt	atttgatttc	tatagtaacc	agaangatgc	aatactggca	600
gctggagaca	agtgggttaac	tgggtggcag	aatggcatgt	tctgtctgct	ggaatgggtt	660
tatggnttaa	aggtnaagnc	tttatgntgt	aaagaacctg	tttgaagaaa	angccgttaa	720
gatggggggn	tttaatgcct	ccctggaaaa	tggnttnttc	cgtcgntang	ttaannttcc	780
tagncccttc	ttnc					794

<210> 3255

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (794)

<223> n = A,T,C or G

<400> 3255

gnnnnnnnnng	gtnnnnntttc	aaatccttgc	tcttgcntgt	ngttgatccc	tcgattcgaa	60
ttcggcacga	gggagcaaat	aataagccct	tgtgtgtgtt	tttggcagaa	aagccatgaa	120
gacaagcaga	tgctaataaa	agaatctgca	tctttgttng	ttattccatg	ttaaagggtt	180

```

gaaataaaagg taagagaatn tttgtactgt tgttatcccn aatccatctc ctgttctact 240
ctctatttcaa aataatcgta cagtactaa cagagcttcc agaccaacag tattttttat 300
ttttcatttt aagttcaggg taccaacatt tctttccatg gatgttgatg gacgtgtcat 360
cagagctgac tctttttcaa aaatcatttc ctctgggttg agaataggat ttttaactgg 420
tccaaaaccc ttaatagaga gagttatttt acacatacaa gtttcaacat tgcacccag 480
cacttttaac cagctcatga tatcacagct tctacaccga atggggagaa gaaggtttca 540
tggctcatgt agacaggggtt atttgatttc tatagtaacc agaangatgc aatactggca 600
gctggagaca agtgggtaac tgggtggcag aatggcatgt tctgtctgct ggaatgggtt 660
tatggnntaa aggtnaagnc tttatgntgt aaagaacctg tttgaagaaa angccgttaa 720
gatggggggg tttaatgcct ccctggaaaa tggnttnttc cgtcgntang ttaannttcc 780
tagnccttc ttnc 794

```

<210> 3256

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (784)

<223> n = A,T,C or G

<400> 3256

```

ctaantcttn tcnntngctt tnnngangat ccatcgattc gaattcggca cgagagactc 60
ttcattctat caccctgtct cacaaaagac ttgccaagg ctacgaagca nggcagtgac 120
tagagtccag acatcagnaa ctagtcccat gttntttttt tccctaccag tccctaggcc 180
ccaaaccgca gatectgctg tgnngaccat taagcccttg actgttctag gctcaacttc 240
caaccctttc tgcaggtcct attacctctg cctcatcctc ccaacatgat aaccagagtc 300
ttccttcaca ttgtactgcc taccctctta tgttcccagg ctctcccttg gttttattac 360
ctccttgtag tccattttca gatcctgtcc attgatctcc acccgcacaa tgatcacctc 420
ataataccac tcccgcggga tgggtgtata ccagagactg cctgtgtaca agcgagtggg 480
cgatacctca atgatctang gaaaaaaga ngcaggtccc gtgtcctggc acagaaggag 540
agtgagtccc caaggacca gcaataagat cagtgatttc ttgggggtggc aangtcttct 600
acaggctacc cttttcatct tctgtcttnt aaacaaatca tacccaaagn gatttctant 660
ttcttnaatg tgttcagggn gaaaagactt ttcnngaat ttttaattta tttggttcan 720
aaatcataca ggccttggan antaaaggta ttttaaatct aaaactggcc ncaattaaan 780
tntc 784

```

<210> 3257

<211> 822

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (822)

<223> n = A,T,C or G

<400> 3257

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ttnnnnnnnct nnnngnnttt cnaatncttg tttctcgncc tttctgcagg atcccatcga 60
ttcgaattcg gcacgaggat ttctgaaact cttcagctac ttgccctttt ttatctgaaa 120
ccatcatacc ttctgaaaga aaaaagcata tcttcattga cataacagaa gtgagatggc 180
ccagtcttga tacagatggg accatctnt atatggagag tggcattgtg aagataacat 240
ctttagatgg tcatgcatac ctctgcttgc ccagatctca gcatgaattt acagtacatt 300
ttttgtgtaa agttagccag aagtcagact catctgcagt gttgtcagaa acaataata 360
aagcccccata agataaacta gttgaaaaaa ctggcaaaat ctgtatacgt ggaaatttac 420

```

<222> (1)...(770)

<223> n = A,T,C or G

<400> 3249

```

gntcctnnnt ttcttatnct tggctactcg ttctntctgc aggatcccat cgattcgtag      60
ggattgagga agatctagca gaaccttcta agtctcagac acgtaaacc aagtgtggca      120
aaggaactca ttgctctcga aatgcatata tgttggttta tagactgcaa actcaagaaa      180
agcccaacac tactgttcaa gttccagcct ttcttcaaga gctggtagat cgggataatt      240
ccaaatttga ggagtgggtg attgaaatgg ctgagatgcg taagcaaagt gtggataaag      300
gaaaagcaaa acacgaagag gttaaggagc tgtaccaaag gttacctgct ggagctgagc      360
cctatgagtt tgtctctctg gaatggctgc aaaagtgggt ggatgaatca acacctacca      420
aacctattga taatcacgct tgctgtgtt cccatgacaa gcttcacccg gataaaatat      480
caattatgaa gaggatatct gaatatgcag ctgacatttt ctatagtaga tatggangag      540
gtccaagact aactgtgaaa gccctgtgta aggaatgtgt agtagaacgt tgcgcacat      600
tgcgtctgaa gaaccaactt aatgaagatt atnaaactgt taataatctg cttgaaagca      660
gcnagtaaaa ggccnatgga ttttggggtg ggggaantcc cttccttgcg gantttggcc      720
ccanctancn tctttgaaca ncttgntnaa ncaananggg nggatgcann      770

```

<210> 3250

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(800)

<223> n = A,T,C or G

<400> 3250

```

ggnnnnnttt ncccccttt tgaaaacccc ttttgggnga ancccncttc tttnaaatcn      60
cttggctact cgctcttnt gcaggatccc atcgattcga attcggcacg agtatataac      120
aacttttgc tcaaaagtg ggtgggacta gaacacacaa tggaaggatg gagtccaggag      180
acctggattc ttgtgccgcg tctggctttt acagtctgcc taactctatg cagtccattc      240
ctgccagcct gtttccttac ctacaagagg gagagacact ccctggccag cctagtcttc      300
agggtgaacg aaagggtcatt atcactgcat cctctagtca tttgcttctt cgctaattaa      360
cacatcttga gcacctgcga tgttccagga acaggagatg gcagcgtgca agataaaagt      420
ccctgacttc tagagactgc atgttagtgg caatcggcgt ctaccgggcc ttcaataaac      480
tactgaatga aggaaaattc tacctagcac cagacacaa tactgggttt ctaaaatgga      540
attattcccc cgccccctg catccagcag cctgctgcag ggaagctcct ccgaagctgt      600
aggcaggagc gggacaaatg cttgctatca gcttcacaga atgttaccta agtactattc      660
ctacacagcg ccttacagaa caaacagtaa aaaccaaag gnaagcatgc acnggcttaa      720
aaactcaaac ttcctaacta ctcagtaatt anganggtca ttttacccca aaatagaatt      780
ttcnatttat ccaataanaa                                800

```

<210> 3251

<211> 1144

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1144)

<223> n = A,T,C or G

<400> 3251

```

gnnnnnnnnnn nnnnttttnnn nnnnnntttt tttgnaaaaa aatccccccn ttttgggcn      60

```

aaaaattngg	nccctccttt	ttnttgggca	agggggaatc	cccccaaatt	tttttnaaaa	120
ccggaccant	ttttcggggg	cnaaccggaa	ggaaaccaat	ttaaaggccn	cctctcncaa	180
acccccctt	tgggaanggg	gggaaattgg	naaaggaaac	caaggccttt	tccccctttt	240
gggccaaagg	ggccnaaggg	ggccntgggt	tggccccccc	naaagtttcc	aaantttttt	300
tnaaaaaggg	cccccnttaa	ccaaaagncc	tttggggggg	cccttnggcc	cttnggggnc	360
cttgccnaa	ngggggggtt	cctttgggga	aaaggggggc	ccggggggtg	ggggggggga	420
aaaggggggt	tggggccaaa	ngnaacaaag	aaaagtttan	nccaaaangn	aacccccccc	480
naacttttnc	ncntngggcc	ctncnttttna	acaagaacct	tgccgttcaa	tggcccgggg	540
gccttgggga	accggcaagc	aaaggccctt	ggcttctttc	tggcccnggc	catgaaacac	600
cgncatgttg	ggagcaccgc	atcacaaagc	caacaaggta	gaccagctca	anggcctttt	660
ggctatgtcg	agatcccctg	tgtggccaag	aactggtgtg	cngagatgaa	agtctcgggg	720
ccatggctga	agtggggacc	atcgtggaca	aagtgaaaag	aaagtcctct	ttcancacaa	780
gtggctttca	acagaagttg	acctgggatt	tctgtcatgg	gtgtccctct	ggactcaaaa	840
atgggttcaa	ggcccaaagtc	ggtgaanatg	gatgttggca	aaaataggaa	ggataccctc	900
attttgcctn	aatnggggga	anctgctctt	naccttgccc	aaggggccaa	ggcctggttc	960
aggttnaaac	ttgggaccgg	aaaggcccaa	gtcttaattt	cttttcaaac	cnagggaaaag	1020
gnccgnttgc	cttaaaaacc	ccttcccaac	tttttcctgg	gatgggntga	aggcaaancc	1080
angaaaancc	aagcaatggt	tgttcntcaa	cnggaaggaa	gggacttgaa	ccnaactggg	1140
gaaa						1144

<210> 3252

<211> 818

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(818)

<223> n = A,T,C or G

<400> 3252

ntttctannc	nngntttcaa	atcccttgca	ttngcncctt	tgtttgatcc	catngattcg	60
aattcggcac	gagagaagat	tggggatgag	gagtgaggag	antgctggag	accagttaga	120
ggctaccgta	gcagcgtana	gaggctgaaa	atctaactag	ggtggaagca	gccaggcagg	180
ctggctctaa	tgttgggagt	tgttcagatc	tgaccnnana	ggtcattact	tatagagtta	240
ttaatttata	ccccacctta	attgcaaaga	gattcaaagc	agtaagccat	cactttagaa	300
tttaatgttc	tgttttcctt	tttatttact	cattcagcag	ctatttcaat	gcctgctgtg	360
tgccagggtc	tattcttagn	gctttacttg	ttgtatgtgt	natctaagtc	tgtgtaacaa	420
attactcctg	aacttaccaa	ctcacacaaa	catttattag	ctcacagtgt	ctgtggagca	480
tnggatctag	atgtggctta	gttgggggtt	ctggcctggg	gtcttctnct	aaggctncaa	540
cgaaaagtng	aggcccgggc	tgcagtnatc	tgaaggctct	antggggcaa	gateccactt	600
caagctcact	naatgngcng	ttgnctang	nttagtttnc	ttgcaatnct	attnggattt	660
ggngccctaa	gttccctggg	atatagcccn	nnnctnntat	ggncaaaggt	cacncttgn	720
gngcantttt	acaccctttn	aagtcttgna	nntangntgn	gnagnaangn	aaactaaacn	780
aatttannan	nanntatata	aanctcnnnn	ncccttcc			818

<210> 3253

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(797)

<223> n = A,T,C or G

gaaaatggcc tctctttgag actgagctgc cacctggcaa attattgnct gcttaanggt 780
tctctttatn 790

<210> 3245

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 3245

gnnttttcta	aatcccnttt	gcnttactcc	ctctttcaaa	tcgcttgget	acttgcncn	60
ntngntttgc	aggcatccca	tcgattcgaa	ttcggcacga	ggaacaaaga	aggaatgtct	120
tcctcatggt	tgggtctata	gaagacgtta	aagaaaactt	ccagaaagtg	ggtttgaggc	180
atgagccacc	acgcctggcc	aaaggattta	atgaattaat	ggatgtacag	tgctggggct	240
gttattctag	ggcctgcatt	gagactcaca	ttttgccatc	aaaagccttt	taagagggtg	300
aggttgcggt	gagctgacat	ggtgccactg	cactccggcc	tgagtgcacg	agtgagactc	360
tgtctcacia	aaaaaataat	gccctttaaa	taatgaataa	tagtgataga	aaatgtcatt	420
tcttggacaa	atgaaaaatt	gaaattaatg	tatataatta	gatattatta	gctactctta	480
ggtagcttca	tttgttgaaa	gtttgacaag	tgaatgaagt	tcacatctgg	aaatcgttga	540
acatttttgc	ttcatggaac	tcaatggcta	cgttagtccg	tttatgcttt	tcactgttgt	600
ggtaggggct	ttggaagtaa	atgccatcaa	caatggatac	agaagacctg	gatttggaat	660
aangggcaaaa	tttatttgat	ggggctgaat	tgctctgnca	ggancatttg	gtatgagatg	720
aaatggcctc	tcttgagact	gaactgccaa	cctggcaatt	attggctgct	aanggttctc	780
tttt						784

<210> 3246

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 3246

gnnttttcta	aatcccnttt	gcnttactcc	ctctttcaaa	tcgcttgget	acttgcncn	60
ntngntttgc	aggcatccca	tcgattcgaa	ttcggcacga	ggaacaaaga	aggaatgtct	120
tcctcatggt	tgggtctata	gaagacgtta	aagaaaactt	ccagaaagtg	ggtttgaggc	180
atgagccacc	acgcctggcc	aaaggattta	atgaattaat	ggatgtacag	tgctggggct	240
gttattctag	ggcctgcatt	gagactcaca	ttttgccatc	aaaagccttt	taagagggtg	300
aggttgcggt	gagctgacat	ggtgccactg	cactccggcc	tgagtgcacg	agtgagactc	360
tgtctcacia	aaaaaataat	gccctttaaa	taatgaataa	tagtgataga	aaatgtcatt	420
tcttggacaa	atgaaaaatt	gaaattaatg	tatataatta	gatattatta	gctactctta	480
ggtagcttca	tttgttgaaa	gtttgacaag	tgaatgaagt	tcacatctgg	aaatcgttga	540
acatttttgc	ttcatggaac	tcaatggcta	cgttagtccg	tttatgcttt	tcactgttgt	600
ggtaggggct	ttggaagtaa	atgccatcaa	caatggatac	agaagacctg	gatttggaat	660
aangggcaaaa	tttatttgat	ggggctgaat	tgctctgnca	ggancatttg	gtatgagatg	720
aaatggcctc	tcttgagact	gaactgccaa	cctggcaatt	attggctgct	aanggttctc	780
tttt						784

<210> 3247

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(776)

<223> n = A,T,C or G

<400> 3247

```

gtttcnaata ncttgctttn nnnnnntctt caaatngttg gacccctgc aggatcccat      60
cgattcgaat tcggcacgag gtgtgcttgt gaaatgtcca ggcgtgtgca cagccagtgc      120
gccacttcc gggctccttg ctccctgctg tactgaagtt ttggattttg catccaatcc      180
tgtgtgcctg cccttctgcc gaaggcttgt gaggggcctg agtcctctgc ccatcaggat      240
gacaggctcc ttcttgacagg gccatangag ggaagttttg gaaacacaga atgattccaa      300
ggtgctctcg ttcttgaggg ggactgggtt gtaacccatg acatctgtgg gcgagagagg      360
cagctgggag cangacactt ggagggtcac cccacggggg tggcacctgc actctgagtg      420
ccccccactg tcatcagctg cctcttaccg tggacacagt tntggttttg gggactangg      480
ggcccnactc ctggtggtac cgtttggact tactagggca gtgggacata tangcccggg      540
gctagtngga taacggggag ttacnctga tgactntttt gatggaatcc tgcattagat      600
agcttngtgg gacccccccc ctcanaattt ggggaactga ngagaattcc nngaaggtgn      660
cnttcangga gagcaccttt naaggggccc cctaacttcc tgagcctgga aattagaata      720
ancattaaag gggcatacac accttttccc aaaaaacccc tntccatttg gttttt      776

```

<210> 3248

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 3248

```

gttctaatagc ntngnntcat cctttcttca aatgctgtng ttcttttgcg gatccctcga      60
ttcgaattcg gcacgagacc ctctctggcc acatggaggc agtttctca gttctgtgg      120
cagatgctga agaaatctgc agtgcattct gggaccatac aattagagtg tgggatgttg      180
agtctggcag tcttaagtca actttgacag gaaataaagt gtttaattgt atttctatt      240
ctccactttg taaacgttta gcatctggaa gcacagatag gcatatcaga ctgtgggatc      300
ccgaactaa agatggttct ttggtgtcgc tgtccctaac gtcacatact ggttgggtga      360
catcagtaaa atggtctcct acccatgaac agcagctgat ttcaggatct ttagataaca      420
ttgttaagct gtgggataca agaagttgta aggctcctct ctatgatctg gctgctcatg      480
aagacaaagt tctgagtgtg gactggacag acacagggct acttctgagt ggaggagcag      540
accaataaat tgtattccta cagatattca cctaccactt cccatgttgg ggcataaaaa      600
gtgaacaata atttgactat agagattatt tctgtaaagt aaattggtta gagaaccatg      660
aaattncata ngatgcngat gcagaaagca acctttttga aagtttatat atgggtttta      720
cccttcataa ccagcttaac ctttcacttt ttcttatttt ggatttataa ataagaa      776

```

<210> 3249

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

```

ccgganggtg atggggcnnng ngcatccgat gcagcnnntat agctctgnaa ttaccacttn 420
caaaactntn attacgaaaa atgtcaagga ccnnggaatn acaagngagg naggcaggat 480
aatggccccc aanatgcccn tgttgagacc cccanacctt gagagtgcct cacatgggga 540
agactgtcct acgtcancnt gcacgcccان ggagcccca ngggccctta aagcttgaga 600
gccttnccctg ctgagacnga ganatgccag aagcaaggag aggnnagaac ccgaggaggg 660
cccgcancct gcccnngnat gcccttagaa ggaagggccc naannagcgt ggtggccccc 720
ctaaagcaan ctgnngnacc nggggggacc ctngangtacc caangcccct gcaaagcaaa 780
accnngaaat ttccnngcca aaccanacac ccccaangga atngngaang aaannngnaa 840
aaggnaaccc cctngaccnn tgggccaana accccttgga acccccctga aaccttcnac 900
cnaaaatngn gtnaaancnc ccgcganngn gacttnagt ngcaagcaca cancccc 957

```

<210> 3241

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3241

```

ntgtaancct tttcaaatcc cttggctact tgntctttct gcaggatccc atcgattcga 60
attcggcacg aggcgggaacn gtgactctgg nnacgcttgc gncctnacc tagntngnng 120
accntgcang anggaanaan ggctggccnn cngntgtacn ctnacccgtcc taaccccgcg 180
aggtccaggc ccgctccttt cggngnggat tctcgcggaa natccctccg gcagctcttt 240
gcaaagctgn ttagaaactt ctcccaaact cggcntggat acgactgcta tagggctcgc 300
tgctgctttt gtggagctct tgctcctcta tccttggcct ctcttgggat acggcccaag 360
gccaagtntt cagcgangtt ggtacgctta tttcgttctg gactctgggg gctntgaann 420
ttcaccacgt ggactgctgg ggancgggnt nccgancact ngnttacct acnccanaat 480
ctgacaactt ttctggacaa cctacccanc ttcaattggc tngngagcnc ntengntgct 540
ggggnntncn gtgcaaatgg agncncaatt ggtgggcaaa tngttgatgg ncaaaacggg 600
aaaaagcaac nnncaangct tttggctnaa agccgatang acncaaatta nttctttgg 660
accttganaa tttcctcaan nnttttnagn annncctttt ttnccttggan aaanacttaa 720
aagtgaacga ttnttgggaa anaaacaaac tataataact naaagctttt ntaaaaaaa 780
annaatnnt

```

<210> 3242

<211> 804

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(804)

<223> n = A,T,C or G

<400> 3242

```

tchnaatccc ttttgnnagn ttncncttt gtttcccttt nctnggctnc ttgttctttt 60
tgcaggaatc ccatcgattc gaattcggca cgaggtcctt ttgaaccacc ccaaagaact 120
caacatggca aagcaaatgg taaaagcttc ccgactgttc tactttgggt ccgcgcgaag 180
cccactcacg tgtgatctgt gttgcccctg ggaggcccg ggagaccgga aaagggctct 240
ctcaagttct gaaaagagaa tctgccacca gatcgaattt cgaccctga gcttgctcgg 300
acgtatggtc caaattcaga ttaaggtggc caccacaacc gagatgtcag gaaaggcctt 360
ctgcagagaa aatgtccccc caccgccaat ctgcagccag gtgtgtgcca cacggcagcc 420
ttcccgaac atagtatgga ttttaaaaat gtgtttatct ttgtttctca accactttat 480

```

aacgtat	ttat	ttgta	ttgt	gtatt	tatc	540
atcctt	ctgt	cactg	tttt	agtt	taat	600
tg	aaaa	ta	ctag	tt	ntat	660
anct	cacaaa	acag	gtaca	gctt	caag	720
caag	ttg	tatg	aaac	gaan	aaaa	780
nnnn	aan	gg				804

<210> 3243

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 3243

ttcna	ttgt	cctt	ggat	gatt	cggc	60
ttctg	tggt	aaag	agtac	tttg	taccaa	120
tcttt	tttaa	tttt	gact	cttg	gttct	180
aattg	ccant	gcag	tctta	ttt	gtgct	240
atttc	cttat	acc	actc	ccat	gatc	300
ctaa	gatt	atg	ttgt	tgca	ccaaa	360
tagt	acct	cctt	aata	tatt	ggg	420
gctca	gta	cact	tgct	gacag	ttaag	480
nagtt	ccag	caat	agac	net	aaaa	540
aaaa	aagg	ggtg	tgta	gctac	gagg	600
tcagg	tgct	cctt	cann	agcc	ttgg	660
ggant	ccct	ccag	gaa	ctca	ccata	720
cctnt	aaa	aaa	gcct	aact	ggag	780
atnc						884

<210> 3244

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(790)

<223> n = A,T,C or G

<400> 3244

tccaaa	cctt	attc	ncaat	tcct	actc	60
tnngnt	ccat	gaat	cgagg	aaga	gtct	120
tg	tata	gtta	actt	agt	agg	180
caccac	ggcc	ttta	taat	acag	ggct	240
ctag	catt	cacat	catc	cttt	gtgg	300
cggt	acat	actg	ggc	acag	actc	360
acaaaa	taat	taa	ata	taga	catt	420
acaa	aatt	aat	att	att	agg	480
ttcatt	gaa	caag	aag	ctg	ttga	540
ttcgt	ga	gct	tcg	ttt	tg	600
gctt	gt	tca	ata	ac	gga	660
caaaa	ttt	gct	tct	ag	gt	720

<221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

<400> 3236
 aanncccttt tnnangcgnt tccntncanc tnaaancgnt tgnaactcnc nctntctgca 60
 ggatcccatc gattcgctaa caagcgattc taaaccacct atgagtattt cttttagggc 120
 tcaactaaat acatgtttgt atatactgta ttctagccag aataatttta gatctgatca 180
 ggtagtagct aaaattagaa aaaaacaaaa tagatgctta agaattttgc atccattttt 240
 gagtctaaat cttttaaaat atactgagat ccacatctag tgaaatgtca gtgtcaaaat 300
 attatagatt atagctaaaa tccagattaa tactcatttg ggggttttta tagtgggaact 360
 tcatagtaat acaaaaagca gattgtcttc ctgtctccgc tgctcccaca gtaggtattg 420
 aaactggtaa aatcagtttt ttgatantgt gtgtatataa gaaaaaatag atacacacat 480
 tcttttttct cagtcaacac attgattgaa cactctggca aagatgctgt ggtggatgan 540
 gttggagttc gaaagaagaa gcaagcgctn gcctgccttg aaagaaccga agtctttccc 600
 attcacttct ctagaaagct gccaagacag aagcagaaag aaatgggatg atagttctgt 660
 caaagcacac ttctggntct ttagaacctt agaagtgnnt ctaagagAAC agaagttatt 720
 aagaagaaac nagntacgtg tgggaattca acaacctng ggtnggaacc cattggcttn 780
 t 781

<210> 3237
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 3237
 gtnttnnntt tcttttetaat agcttggata ctctgttcttt ntgcaggatc ccatcgattc 60
 gaattcggca cgagccaaaa tgggggtggg ccgcagtggc tcacgcctgt aatcccagca 120
 ctttgggagg ccgaggtggg cggatcacga ggtagggaga tcaagaccat cctgggtaac 180
 acggtgaaac cccgtctcta ctaaaaatac aaaaaaaaaa cagccaggca 240
 tgggtggcagg cactgttagt cccagctact cgggaggcag aggcaggaga atggcgtaga 300
 cctgggaggt ggagcttgca gtgagccaag atcgtgccac tgcactccag cctgggtgac 360
 agagttagac ttctgtctcaa aaaaaaaaaa aaaataggca caataagtaa tacatttctg 420
 cccaagtaag agccttccct tttgtggatg taatgaaaat atcttcaagc actttataaa 480
 tnaattatat gtctgatact agccttccat tgcctggatc acatctgatt gtcttggtta 540
 tttnagaaaa gggtagcccc ttggtatgga tagtagcttg atgacatgga attcagggaa 600
 aagactatga tgggtgtcact tgtaactgct tttgtgctgt aaaattgtca tngattaaag 660
 aanaanaatt ngcttggntg cngtggctta cacctntaat cctancactt ttnggaagcc 720
 aaataangga cttgnttgga nccangantt tcangaacaa cctg 764

<210> 3238
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 3238

```

gtnttnnnntt tcttttctaag agcttggata ctcgttcttt ntgcaggatc ccacgatgc 60
gaattcggca cgagccaaaa tgggggtggg cgcagtggtc tcacgcctgt aatcccagca 120
ctttgggagg cggaggtggg cggatcacga ggtagggaga tcaagaccat cctgggtaac 180
acggtgaaac cccgtctcta ctaaaaatac aaaaaaaaaa caaaaaaac tagccaggca 240
tggtggcagg cacctgtagt cccagctact cgggaggcag aggcaggaga atggcgtgaa 300
cctgggaggt ggagcttgca gtgagccaag atcgtgccac tgcactccag cctgggtgac 360
agagtggagc ttcgtctcaa aaaaaaaaaa aaaataggca caataagtaa tacatttctg 420
cccaagtaag agccttccct tttgtggatg taatgaaaat atcttcaagc actttataaa 480
tnaattatat gtctgatact agccttccat tgcttggtac acatctgatt gtcttggtaa 540
tttnagaaaa gggtagcccc ttggtatgga tagtagcttg atgacatgga attcagggaa 600
aagactatga tgggtgcact tgtaactgct tttgtgctgt aaaattgtca tngattaaag 660
aanaanaatt ngcttggntg cngtggctta cacctntaat cctancactt ttnggaagcc 720
aaataangga cttgnttgga nccangantt tcangaacaa cctg 764

```

<210> 3239

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 3239

```

atggcttttg nnagntccnn ntctttcaaa tncttggcta ctcgntcttt ntgcaggacc 60
catcgattcg aattgttaact tattccagga taaatgtcat atgcatatga ttttcatatg 120
actttgatga gtatcttcag ggaaaaattcc taaaaatgaa attgctggat taaggggtaa 180
atgcatgtat agttttgtta gacagggcca catacccttc cttagaggta gtaccctttt 240
gtattcctgc cagtaataata tgagagtcca cagagtatgt ggttaagctt tagaatgctt 300
gtccatctga tagggaagaa atcgtgttgc cttaatttgc ctttctttta ttatgaatca 360
gattttaate ttttgctctc agaactatag tgagtcgtat tacgtagatc cagacatgat 420
aagatacatt gatgagtttg gacaaaccac aactagaatg cagtgaaaaa aatgctttat 480
ttgtgaaatt tgtgatgcta ttgctttatt tgtaaccatt ataagctgca ataaacaagt 540
taacaacaac aattgcattc attttatgtt tcangttcac ggggaggtgt gggaggttnt 600
tttaattcnc ggccgcgggc ccaatgcatt ggggcccggg ccancctttt gtcccttta 660
tgaggggtta attgctgctt tggcgtaatc atgggtcataa ctgattcctg ggtgaaattg 720
tatccgctc acaattcccc accaacatcc anncccggga gcataaaa 768

```

<210> 3240

<211> 957

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(957)

<223> n = A,T,C or G

<400> 3240

```

annggagacn nnnngnngann gnggggggnnn acnnngaaan ncnnananan acacannann 60
nannnnngag gggcaacaaa cncnnatttt cgaaaanccc ttttggnggt gacccnttc 120
naacatttgc ttntcgccct ntgcaggatc ccancgnann cgaaggnggc ncgaaagcac 180
ggngtccena nnnngatgngn aaanatgacc gataaacttc ngggncngat aatgaanggc 240
actatnggnc atactgatgc tgnctcatgg gcnctaccan agacngaac tggaaaaggc 300
tctgcagngt ctgggatacg ctcagtgtg cangggaggg caggngtgag ggggaatggcc 360

```

```

gggggggtggg gtgagggtag gaaggcattt accaactnag attttattta tttttgaaat 720
taatcaattg gnttaaattcc taattttattt acccaaatag ggggtctttta aaaaaatatt 780
ttttattcc 789

```

<210> 3232

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 3232

```

ggnnntnaa nngctctact gaatgccttt ggaaaggccc ccacgttttc gaatncggca 60
cgagcttttag ttcagataaa ggaaacatcc aaaaatactg agattagtaa aattttattc 120
aaagtaggtt ccngctttgt cttgatctca atccattcta actcctgatg tcatttaccg 180
tgtgagattt tannacaaat catgaaaaga atatgagcat ttatcaaaac tctctgacat 240
ctgtatgttt agaaatgaac ttacacagca aaatatgatt tccttgcaat tatttaattt 300
ttctaacttc aatttctacc tatgtgtctc tgccagtttg acctgattca gacaccaga 360
acttgaataa agaagccctc ttctattttc attcttaatg aatataacct ttcccatgtc 420
cacattgagc ctcccttctg ngtactctgt ctaatgcagc cacatgtcta gttccccctc 480
tctgtcacca ccctcacttc ttctttccca tcttcttact tctttgggtg gacctcttgt 540
aggacaacat gccatttctg attccccaca cacataccct atcattgata cctaccctca 600
ggattagatt ctgtctaagt aatttgtaga gccatcaggc ttnantaagt attgggactg 660
caagtcaaca cccattatct catcaaaang ggatgctgtg ttggggccag anggagaaan 720
gagagagaga gactnanaga gagangnccn ganagagagn aagacn 766

```

<210> 3233

<211> 831

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(831)

<223> n = A,T,C or G

<400> 3233

```

gaancccttg gntttgagc catttttaat nccttggntt gnnccctega ttcgnnccgg 60
cncnaggctc ngtacagatg nntcttatcc tgacntnagc aangncttaa ctgncnnntn 120
tatggtagacn gtnnntgagg cngnatgnen nggancanan nctnaantctg aaaggnacct 180
agtgaagann gctnccgntt ccctntgcaa actggatagc gtannngaan agggagcctc 240
tgtgataaac gagacgagga ggaactcncn gacatatgag ctcaccacca cactaaaggn 300
actgtgcatg nctgctgacn gggttcnata gcgctcaang accagnatng acnnggacga 360
tgagttaatg ggnactaggg cncaantgtg cgatcanaga annttcncna agctcngcnc 420
atccttggan aacnntttgc tttanaacan cnccttncg tgnctacnca canctatgc 480
nacagactnn atnacctgaa caanggttta ctcaagnnag acngnnnncc tacgnnanc 540
ttagnnncca gggaaacnnn ntgnctttac aangtnntn nangtccna gntgagcata 600
cnaccagnt ggganctnct gacnagtttc ctncanactn gtncncngag tgggaacggc 660
caagatnaac ccnnngccaa aacttnttac gacnttggnc nnttcaaaga tcaagggggg 720
natttaanaa ctngaancct ntannccnnt tcnnaanntn cttttgnnga cnttagnana 780
ngggntganc ccgggcnatn tntcaaaaat ccttnttant tcacnntgc c 831

```

<210> 3234

<211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (772)
 <223> n = A,T,C or G

<400> 3234

gnnnttttnnn	nnnnnnnttt	ncaaatcgct	ttggctactn	ggntcttttt	gcaggatccc	60
atcgattcgc	agaggctttg	ctagtatcct	tcaaccaatt	tctagtaaaa	atatacctata	120
taaccataat	tatcaaaacc	agaaaaacaa	cattggtagg	atactataaa	gtactaatct	180
tattttggat	ttgacgaatt	cctacatggt	tntttctttt	ttagtttgta	ctctaagaag	240
ttgtattaca	tgtacagatt	cgtgtaacca	ctgcaaccac	ataaaaactaa	tgaacacaaa	300
gtccctcatg	ctaccttttt	atgcttacac	tccatccaaa	cctaactctg	ccaaccactt	360
ttctcctatc	agtataattt	catcatttca	tgaatatgat	aaaaataaaa	ttgtttttgt	420
aaatggtttt	tataaatttt	atataaataa	gttatatgaa	tttttattga	tagagagtat	480
gtaagctttt	ggcatttttg	tcactcagca	aattactcct	aagggtttata	tgagttgatg	540
aatagttgnt	ttattatttt	tttttaccac	catgtatcta	accagatgaa	agttgtttat	600
atttgagagt	agtatacata	tttgatgtag	tagtttatcc	atttcaccta	tgagatatat	660
ttgcactggg	tttctgggg	ttaagtgctn	taaataaaga	tgctgtgaaa	tctaaaaaaa	720
naaanaannn	nnnnnttnnn	nnannntn	nataatataa	nnnnnnnccn	nn	772

<210> 3235
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (790)
 <223> n = A,T,C or G

<400> 3235

tccaaaatnc	ccttggantn	attccccctt	ncaatacctt	tccttngnac	actcccngtt	60
tnngntngatc	ccatcgattc	gaattcggca	cgaggnaaca	aagaaggaat	gtcttctca	120
tgtttnggtc	tatagaagac	gttaaagaaa	acttccagaa	agtgggtttg	aggcatgagc	180
caccacgcct	ggccaaagga	tttaatgaat	taatggatgt	acagtgctgg	ggctgttatt	240
ctagggcctg	cattgagact	cacattttgc	catcaaaagc	cttttaagag	gtggaggttg	300
cggtgagctg	acatgggtgc	actgcactcc	ggcctgagtg	acagagtgg	actctgtctc	360
acaaaaaaaa	taatgccctt	taaataatga	ataatagtga	tagaaaatgt	catttcttgg	420
acaaatgaaa	aattgaaatt	aatgtatata	attagatatt	attagctact	cttaggtagc	480
ttcattttgt	gaaagtttga	caagtgaatg	aagttcacat	ctggaaatcg	ttgaacattt	540
ttcgttcatg	gaactcaatg	gctacgttag	tcgtttatgc	ttttcactgt	tgtggtaggg	600
gcttttgaaa	gtnaatgcc	tcaacaatgg	atacagaang	acctggattt	ggaataaggg	660
caaaaattta	ttttgatggg	gctgaattgc	tctgccaggg	agcattttgg	gtattgagat	720
gaaaatggcc	tctctttgag	actgagctgc	cacctggcaa	attattgnct	gcttaanggt	780
tctctttatn						790

<210> 3236
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>

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agaaatcaat tgtctttcat tgaatcaaac ggaaaacctg ctggcttctg ctgacgactc 180
tggggcaatc aaaatcctag acttggaaaa caagaaagtt atcagatcct tgaagagaca 240
ttccaatata tgctcctcag tggcttttctg gcctcagagg cctcagagcc tgggtgcatg 300
tggactggat atgcagggtga tgcgtgtggag tcttcaaaaa gcccgaccac tctggattac 360
aaatttcagag gagatgaaa cagaagaaat ggaaggccca cagtcacctg gtcagctctt 420
aaacctgcc ctagccatt ctatctctgt ggcttcgtgt ggtaatat ttagttgtgg 480
tgcacaagat ggtaagggtc gaatctttctg ggtgatggga gttaagtgtg aacaggaact 540
gggatttaag ggccacactt canggggtatc ccaagtctgc tttctnccag aatcctat t 600
gctgcttact gganggaatg atgggaagat cacgttgtgtg gatgcaaaca gtgaaanttg 660
agaaaaaac cagaagaagt nccacaaaaa ccgtaccccn caggaaggaa aaccctaaaa 720
ananggaacc ttgcaccna nccngggntn ggaaaatacc taaccnttt nntnacct 778

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<210> 3228

<211> 813

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(813)

<223> n = A,T,C or G

<400> 3228

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caaaanccct tttgnaannn nccnagnnn tttnatnncc tnnttgcaaa tngcttggt 60
actcgttctt tctgcaggat cccatcgatt cgggaattata gtattgacgt gaatcccact 120
gtggatataga ttccataata tgcttgaata ttatgatata gccatttaat aacattgatt 180
tcattctgtt taatgaattt ggaaatatgc actgaaagaa atgcggccca tttagaatag 240
ctcgtgttat ggaaaaaagt gcaactgaatt tattagacaa acttacgaat gcttaacttc 300
tttacacagc atagggtgaaa atcatatttg ggctattgta tactatgaac aatttgtaaa 360
tgtcttaatt tgatgtaaat aactctgaaa caagagaaaa ggtttttaac ttagagtagc 420
cctaaaatat ggatgtgctt atataatcgc ttagtttttg aactgtatct gagtaacaga 480
ggacagctgt ttttaaccct cttctgcaag tttgttgacc tacatgggct aatatggata 540
ctaaaaatac tacattgatc taagaagaaa ctagccttgt ggagtatata gatgcttttc 600
attatacaca ccaaaaatcc ctganggaca ttttnangca tgaatattaa acatttttta 660
tttcaagtaa ccttttcccc ctgtgtaaag ttactatggg ttggtggnac naactttcat 720
tctatagnat attaagtggg aaagtngggg gaaattctac ntthttatggt tnggagtggg 780
cccaatgtct atcaaggagt gnacaaatta ann 813

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<210> 3229

<211> 818

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(818)

<223> n = A,T,C or G

<400> 3229

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gnnnnnnttt nnnnttttgc aaatnccctn gnaaaanncc nagnnnnttt annentnttt 60
tcnaatnctn ggctactngt tctttttgca ggatcccatc gattcgaatt cggcacgaga 120
gnaatcaata tcttgaaaat ggccatactg cccaaagtaa tttgtagggt cagtgtctata 180
cccatcaaac tatcattgac tttcttcaca gaattagaaa aaactacttt aaatttcatn 240
tggaaccnaa aaaagagccc atatagccaa gacaatccta agcaaaaaaga acaaattttg 300
aggcatcatg ctacctgact tcaaaatata ctacaaggct acagtaatga aaacagcatg 360
gtactggtac caaaagagat atatagacca atgaaacaga acagaggcct cagaaataat 420

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gccatacatc	tacaccatct	gatctttgac	aaacctgaca	aaaggaatgg	ggaaaaggatt	480
ccctatttaa	taaatggtgt	tgggaaaact	ggctagcctt	atgcaggaaa	ctgaaactgg	540
acccttccct	tacactttat	acaaaaatta	actcgattca	ttaaagactt	aaaagtaagt	600
tctcaatgta	taaaaaccct	ggatgaaaac	ctaggcagtc	cattcaggac	atagcatggg	660
caaataacttc	atgactaaaa	cacccaaagc	aatgtcaacc	aaaagccaaa	attgacaaat	720
gggatctaac	ctaaactaaa	aaacttggtg	tgcagtttta	ttttgggant	gtgtgtgggg	780
gtacctctga	gttttcaaaa	aatgaagaaa	gtaagtc			818

<210> 3230

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3230

gnttgaannc	ccttngnntt	caaatngatt	gttactngcc	ttntgcagga	tcctctgatt	60
cgaattcggc	acgaggatag	cttaaagcaa	gtttacaagt	aattaaaatg	gacagtttgc	120
cattaaagat	ttttaatagt	ggttttgcag	tgtactggct	tgaattttct	ggacttgagt	180
taactgaagg	agagcctcaa	acnntagtaa	cttcattttt	aaaagttact	agaatttggt	240
atcctgattt	atattgcagt	gtttcaaagg	tgtcactgtc	agacaaatag	aaacttgcc	300
aacttggtgt	aacttaagct	ttcatttaac	taaaacattc	ttttcttgca	aaacttat	360
ttcatgatca	tttttggtta	tttattatac	ttgattccaa	aatagtacag	ccttgaatct	420
ataaaactgt	gcagtcatta	tgccagaaat	tatcttaa	atataatggg	tcaccttgct	480
gttcaaagg	tggtgcaagg	tcctgcagca	tcttacatct	gtagcttggt	agaaatgtaa	540
actctcaggc	cccacaactt	acttcctgca	ttttaacaag	atccccaagg	gatatgtatg	600
ctcataaaaa	attttgagac	actgggttaa	atgggaaatg	gatataaggn	atgtataact	660
gggggggtggg	gtgagggtag	gaaggcattt	accaactnag	attttat	ttttgaaat	720
taatcaattg	gnttaaatcc	taatttat	acccaaatag	gggtctttta	aaaaaatatt	780
ttttattcc						789

<210> 3231

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3231

gnttgaannc	ccttngnntt	caaatngatt	gttactngcc	ttntgcagga	tcctctgatt	60
cgaattcggc	acgaggatag	cttaaagcaa	gtttacaagt	aattaaaatg	gacagtttgc	120
cattaaagat	ttttaatagt	ggttttgcag	tgtactggct	tgaattttct	ggacttgagt	180
taactgaagg	agagcctcaa	acnntagtaa	cttcattttt	aaaagttact	agaatttggt	240
atcctgattt	atattgcagt	gtttcaaagg	tgtcactgtc	agacaaatag	aaacttgcc	300
aacttggtgt	aacttaagct	ttcatttaac	taaaacattc	ttttcttgca	aaacttat	360
ttcatgatca	tttttggtta	tttattatac	ttgattccaa	aatagtacag	ccttgaatct	420
ataaaactgt	gcagtcatta	tgccagaaat	tatcttaa	atataatggg	tcaccttgct	480
gttcaaagg	tggtgcaagg	tcctgcagca	tcttacatct	gtagcttggt	agaaatgtaa	540
actctcaggc	cccacaactt	acttcctgca	ttttaacaag	atccccaagg	gatatgtatg	600
ctcataaaaa	attttgagac	actgggttaa	atgggaaatg	gatataaggn	atgtataact	660

<220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 3223

ttgtgaancc	cttttganac	centttgcta	cttgetcttt	ttgntggatc	ccatcgattc	60
gaacgttccc	ccgctacata	gtctttcttt	tgtgttat	agtttaccat	ttcttttttc	120
catcttggtta	taacctccac	gagttgtgtc	tcttttgttt	tctacattat	acccaacggc	180
tagcacataa	caggcaccca	atatatactg	aacgaactaa	ggaatgaatg	aaggaatgaa	240
tgaatagggtg	gcttatagga	aacccctggg	gccagggact	ctgcaacatc	accatgtaac	300
tttttctttg	tgctgagaag	cagagagaaa	caatagaaga	tatctcttaa	tctctcaagg	360
atgctactcc	caggactgct	tgcaatttcc	gaggagataa	gccacaagtt	acagaaagga	420
agcagctgtg	tagggcctgc	aagtttccctg	ctgcaagtca	ccctatgttc	agaagttacc	480
ctggctgggc	caggcatggt	ggctcacgcc	tgtaatccca	cactctgggg	aggctgancg	540
aagtggattg	cttgagtcca	ggagttttga	gaccagcctg	ggcaacatgg	agaaacccca	600
tctatcaaaa	aaattanctg	ggtgtggtgg	catgaagcct	gtaataccca	gcttccttgg	660
gnaaggctta	angtgggnag	aaatnaccct	gancccccang	ggggtcaaag	gctgntnntt	720
aagccaagat	cacngccnac	tggaccttna	agccctnngg	caaaccnna	attnagancc	780
ctntct						786

<210> 3224
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 3224

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ggtggagaac	attatgctgg	agagagnttt	tnaagaaagg	gagatgttgg	aaacttcnca	120
agctgctgct	ctgtttctgc	ccaaccgcat	ggtgcctgga	cctgactaca	attcctacaa	180
aagtgcctac	agccccagcc	cagtgggaacc	accaagcaag	gacttctgta	atnttttgc	240
cacctgcctt	gatttaacca	tgcagtattc	agggctctggg	aatatggaac	taatttcttc	300
taatgtcagc	gtggccacaa	cttatagaca	gtatcccttg	tcctcaagat	ttttaagttt	360
ggcccaagtg	tggccccatt	agcgacaccc	tcctctacca	gcaatgcctg	ctaaatgcca	420
ccacctcagt	tcaagccctg	aagcctgggg	ccagctggga	cttgaaggga	gcacgagtcc	480
aggatggact	cagtgcatag	caggacatga	tgccatnnaa	attggaaggt	tccttgggtg	540
tgctcacac	ttcctgagat	ccagaccacn	agaaagtgac	cttcanggtc	atcangctgt	600
cccagagagg	tccgcgttnt	tccnaccctg	accgggaatt	tctcttccca	ttgttgacac	660
cngacttccn	tggcancttc	aaaggggcat	tntcttaacc	gaagattcan	nnaaanctaa	720
acaccanngc	acccctttgg	cnacttaanc	cattaaatcc	aattccnncn		769

<210> 3225
 <211> 915
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(915)
 <223> n = A,T,C or G

<400> 3225

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aacncnnncg	gnncncnncg	nanacancaa	ngngnaaccc	tttcaaancg	cttggcaaatt	120
cgcncncgct	gnaggaccca	cganncgac	ccagccnct	cctccaacgc	cctnnngatc	180
caagatngag	taagagacat	nggcagatgc	ngagaaggnc	aacccaatng	tnnnaacttg	240
cagaccgagg	gggagatggg	ntncagtctg	cacatgactc	gagcacagnc	ccccacccc	300
accngactt	aaaaaatoca	aaccgactac	aagaccagaa	acaaaccaca	tgccagtgc	360
cccttgact	gtacacacat	gnggagnnca	gagccaccca	tngagagagg	ctgctcagct	420
cagcaccttg	ngcanggctt	cctagaacta	ncncagancg	ggggannccn	tancecgtat	480
tcnggggnagc	tgacnacagg	atgcacgnag	tgaaacccan	gggttagggg	agaggaccca	540
ccctggnaaa	aagccacgta	aaatggnaacn	ancnntccan	ggcanccang	gncnactac	600
antcncnagc	acctccgngn	cncaanccgn	antcnnagag	aanngnntan	nnncangag	660
nnncccggan	nncngnaatg	gccagnnaag	ctggnnnccn	cnggaacnag	nnaacgnnnn	720
ggcntatcca	nngtcgacnc	ctncenggnc	gccanctccc	aaangncncg	aacgaggcnn	780
ngncagaana	nctctgttaa	aagaacaccg	ancaggcnaa	ggccnccact	tganannctt	840
cnaggnancc	gggnnggaga	aanctnanaa	ngantatnan	actnggnaac	nnnnanagcc	900
tctaaaaaaa	aaccg					915

<210> 3226

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 3226

agnntnnttn	nnntataaaa	ncctntggaa	ctncctcttt	nngttgatcc	catcgantcg	60
aattcggcac	gaggcaagggt	tgtgacattg	tcactttttt	gttctagact	cttttaaatt	120
ttctgcattt	gcctgaaaag	cacccctgta	agaatagatt	tctcatgggt	ctaaaaatta	180
ttcccaagaa	tnccntactt	ggttcaaaaag	cagactgttt	ctcttcattt	catctcaaatt	240
cagacttctg	ggcaagatgt	tcttttagagt	aagcaaacct	acaacctaaa	aatctcttca	300
agaggcatct	ctggctctgt	gacaagacct	cttcaaaaac	ccacagtaaa	actccccctc	360
ctccagttgg	ccaccagtct	gccaccaaac	atgaacaaat	tctgctgcta	atcgggtttcc	420
cttgtgatct	ggttcctgag	gtcttcggat	ctgtgcaatg	aattatttat	tgntttatta	480
aaccgcacgt	ggtgtcccag	agaggaacca	taaataaaat	ggaaatctgg	tgctgtgata	540
aagtaataac	tagcattaat	gagacctggt	tttcttttca	gaaagtccag	tatacctgta	600
acaaagggtta	aagcaattta	tatttaattt	gcattctgat	gttaacattt	aaacagcaat	660
tctnacaaaa	aatgcacoga	gtctaattct	tacctctatc	aaaaaacaac	tgnttaaatt	720
tatgaccaac	atttaaacna	aaaccaaatt	ggaaaatttt	ctttttnnn		769

<210> 3227

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 3227

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tagtgtactg	gatgtcaggt	ccctcaaaga	ttccttggac	catttttcattg	tgaatgaaga	120

tggtgggtcat	tgatggcctt	tagtaaattg	gagctgctta	atcatattga	tatctaattt	360
cttttaacca	caatgaattg	tccttaatta	ccaacagtga	agcactacag	gaggcaactg	420
tggcattgtg	tccttaacca	gtcatgggtg	tgtgaatggt	ataaaattgt	cactcagata	480
tattttttta	atgtaatggt	atataagatg	atcatgtgat	gtgtccaaac	tatggtgaaa	540
agtgccagtg	gtagtaactg	tgtaaagttt	ctaattcaca	acnttaattc	ctttaaata	600
cacanccttc	tgcctctgna	tttggagttt	gtcagtncaa	ctcatcaaag	aaaactgcct	660
aatntnaaaa	tcataattntg	ggaataattt	ccctcttttg	tagtctgccc	aagatcctta	720
aagattggat	ttttattact	atttaaacca	gtggattaat	n		761

<210> 3219

<211> 813

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(813)

<223> n = A,T,C or G

<400> 3219

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actcgttctt	tctgcaggat	cccacgatt	cggaattata	gtattgacgt	gaatcccact	120
gtggtataga	ttccataata	tgcttgaata	ttatgatata	gccatttaat	aacattgatt	180
tcattctgtt	taatgaattt	ggaaatatgc	actgaaagaa	atgcggccca	tttagaatag	240
ctcgtgttat	ggaaaaaagt	gcactgaatt	tattagacaa	acttacgaat	gcttaacttc	300
tttacacagc	ataggtgaaa	atcatatttg	ggctattgta	tactatgaac	aatttgtaaa	360
tgtcttaatt	tgatgtaaat	aactctgaaa	caagagaaaa	ggtttttaac	ttagagtagc	420
cctaaaatat	ggatgtgctt	atataatcgc	ttagttttgg	aactgtatct	gagtaacaga	480
ggacagctgt	ttttaaccct	cttctgcaag	tttgttgacc	tacatgggct	aatatggata	540
ctaaaaatac	tacattgatc	taagaagaaa	ctagccttgt	ggagtatata	gatgcttttc	600
attatacaca	ccaaaaatcc	ctganggaca	ttttnganca	tgaatattaa	acatttttta	660
tttcaagtaa	ccttttcccc	ctgtgtaaag	ttactatggg	ttggtggnac	naactttcat	720
tctatagnat	attaagtggg	aaagtngggg	gaaattctac	nttttatggg	tnggagtggg	780
cccaatgtct	atcaaggagt	gnacaaatta	ann			813

<210> 3220

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(776)

<223> n = A,T,C or G

<400> 3220

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ataaagcctg	caagttacta	aattgnagtt	ncataaatte	tgtagtnaag	tatcatcttg	180
gcagngtgcc	aaaggtgaaa	angntgcttn	ctctaacaga	gaaattctta	gngactccag	240
tcgtanaaaa	acgtctttac	aacctgaata	agatnganga	attgngaaca	taccatggcc	300
tattgataga	atcatttgcc	ggnggctana	ncagactgta	gggtttgtga	tggatntatg	360
gagtatgtgg	gtatagaaat	catgaatntn	ccatttgnnn	ncagagattc	aagcntanac	420
ttaatgggta	gatcataaat	gacagaatga	attcaaaacc	tagcacgtgc	attgtaaatg	480
tgtgcccaga	tatgtnttgg	aaatggcagn	tccttggggg	catgtntcta	ctggcaaaat	540
ttgctatagn	gnnactattg	nantgtaatt	ataaaattna	tcannattat	ncaccgattn	600

gccaagtaaa ctgtactgtg cataggaatt ttgggaattg tgcanaaatt ggatcaattg 660
 aanttnagaa cngatgtctg ggcttaaaaa ttatcnggg accacnnatt angaaactna 720
 catntttcgg ngctgaggtt cattgnccaa ggccangaag gtntttnccg aaaanc 776

<210> 3221
 <211> 715
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(715)
 <223> n = A,T,C or G

<400> 3221
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 ctgaatcctg gaggatctgg ccctcctctc aacccccact cacagtcacc gtcttacaac 120
 tcagggccac ctgggatcag tcatcagtcg ggggtgcgtaa gccttgaata ccaggtagcc 180
 tcaggagtga aaagataaat gtcctagatc attaccttat tcagtgtccc caccttgcag 240
 cgcattccaa ccacctggga gcatttataaa ctccagatgc ccacaccaca ccctggggcc 300
 acccatcaga ccttctggaa gcaagacctg ggccctccatg gccccaaaaa ctccctaggt 360
 gatccgatgt gcagccaaat ctgagaggcc ccatttnaaa aaganagaac atgggtggta 420
 cattgaggag tatttacatt ttataaaatg acttaaaaaat ttnaaggcat tttttgagca 480
 tttncatta tatggaagna gttactttta cggaatagtt nttgctcatg gaactcanaa 540
 cagatgaagc accactgtta cagaattaat gtgctccaga atgaaaatgg tctcgtttct 600
 ngtgaatttc aatggaagaa gcncnacatt tctnaagaa ttcttttgag cccagtaatt 660
 cantcctggc tcaaaaaaan gntnnttngg cattttccta acatctggac caaag 715

<210> 3222
 <211> 715
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(715)
 <223> n = A,T,C or G

<400> 3222
 ctgctgtcaa ggcttgaaga gccggcacac tcaatggcaa acacangcac cgagtctgct 60
 ctgaatcctg gaggatctgg ccctcctctc aacccccact cacagtcacc gtcttacaac 120
 tcagggccac ctgggatcag tcatcagtcg ggggtgcgtaa gccttgaata ccaggtagcc 180
 tcaggagtga aaagataaat gtcctagatc attaccttat tcagtgtccc caccttgcag 240
 cgcattccaa ccacctggga gcatttataaa ctccagatgc ccacaccaca ccctggggcc 300
 acccatcaga ccttctggaa gcaagacctg ggccctccatg gccccaaaaa ctccctaggt 360
 gatccgatgt gcagccaaat ctgagaggcc ccatttnaaa aaganagaac atgggtggta 420
 cattgaggag tatttacatt ttataaaatg acttaaaaaat ttnaaggcat tttttgagca 480
 tttncatta tatggaagna gttactttta cggaatagtt nttgctcatg gaactcanaa 540
 cagatgaagc accactgtta cagaattaat gtgctccaga atgaaaatgg tctcgtttct 600
 ngtgaatttc aatggaagaa gcncnacatt tctnaagaa ttcttttgag cccagtaatt 660
 cantcctggc tcaaaaaaan gntnnttngg cattttccta acatctggac caaag 715

<210> 3223
 <211> 786
 <212> DNA
 <213> Homo sapiens

<222> (1)...(819)

<223> n = A,T,C or G

<400> 3214

gnagnnecggn	ttcttatgat	cgtggctnct	cntctanngg	ttgtgtaatg	ctnggtcnnc	60
angannnnnt	gcganncgaa	ttcggcacga	aggggggttc	ccaatagtag	aaaaggggtcc	120
ccatttctgc	tcagcaccgc	acctctctac	ccccccacag	acacacatgc	agacacacac	180
atgcagacaa	cacgcagaca	cacacatgca	ggcactcaca	tgcaggccca	tgcacacaca	240
cgtgcacaca	catgcagaga	catgcagaca	cgcaggcaca	catgcacaca	tgcaaagaca	300
cgcatgcagg	cacacgcaga	cgcacacaga	gacacacatg	cagatcacat	gcacacacac	360
atacacacac	tggcccctgt	ttttctgtgg	tgtcactggg	tgccagcaac	tcgggtatctn	420
ccaccttcca	ctaaaacctg	ggccttaatt	tctctcccgt	ccccacccct	aaattcctga	480
tggatgaacc	tagagctgtc	ctgtccactc	caggccggac	tgacgtancc	tatgggcccc	540
gcaggtccag	ggccccaggt	ttaatttctt	tttnaaaagc	tttaggtctt	ggccnggccg	600
ccggtgggtc	acgccttggg	agttcccagc	atttttnggg	aaggccnaag	gccgggttgg	660
attcacaaa	gtcaagcaag	tttcaaggaa	ccaagccttg	aaccaggcca	ttgggtgagg	720
aaccttgggc	ttnttactng	ggnaaattcc	caaaaaaaaa	ttggccttgg	gccnaagggg	780
gggcaagggc	acccttggtg	gggtcccaa	antttacct			819

<210> 3215

<211> 844

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(844)

<223> n = A,T,C or G

<400> 3215

nggnnnntnn	nnnnnatncc	ntgatcgtgt	ntcgttcttt	ctncaggatn	nnntcgtttc	60
gaattcggca	cgaggaaaag	ggagccgcgc	agngcctacg	ggagtnccgc	ggcagcagcc	120
ggtaccggca	accacgggca	gctctcaggg	aatctccgtc	gttgaggcca	naggctccag	180
tccccgcgag	tccagatgcc	tgtccagcct	ccaagcaaag	acacagaaga	gatggaagca	240
gaggggtgatt	ctgctgctga	gatgaatggg	gaggaggaag	agagtgagga	ggagcgganc	300
ggcagccaga	cagagtcaga	agaggagagc	tccgagatgg	atgatgagga	ctatgagcga	360
cgccgcancn	agtgtttcag	tnagatgctg	gacctggaga	agcagttctc	ggaagctaaa	420
nggagaagtt	gttcaaggga	acgacttgan	tcanctgccg	gnttgccggc	tggaaggaaa	480
ntgggggggc	ttgaanaaga	agcccctgga	atnccaccgg	aagccccctt	ttgggggggg	540
gccttgcaaa	cggggaancc	ctttnaaagg	aatttcngcc	antttcaang	gttgggccaa	600
ggggaatcnt	accnaagggg	ccttctnngc	cttggnatgg	tgaatccang	gnaaattaag	660
gtncccaatt	gntgaancct	tccaanggga	ancccaaacc	agcacccttg	naanaagttg	720
agaaaacttg	cttgcntctt	ntgacacccc	tncnaggggg	aacttcaagg	aaccggttcc	780
tnaggcttgg	aaggaggacc	cccananccc	tggancctaa	attnttaaat	gggtnggacc	840
accn						844

<210> 3216

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 3216

gtntngnnng	nngttnnatt	atatggntcg	nctnnctena	nnancnangc	ttgngctgac	60
aacttgattg	ggttctcctt	caggtttgaa	gcgcctcena	gaagtgtcta	aaggagacag	120
ttgatagcca	aacaacagtt	ttggattcac	tgactgatta	tgaaagaagc	agtagactgg	180
tatcaagaat	cagtcagcaa	ggaggccctc	accagacgcc	agtgccatgt	tcttggactt	240
ctcagcctcc	atattcatga	actaagtttt	tggaatcctt	aggcttccac	gtgtggaaag	300
cctgagctaa	cctactggag	gatgagccat	cacctggagc	agattcaggc	catcctagtt	360
gaagcctccc	taggccaaagc	aaccgtccaa	ctaccagaca	ttgaccattc	agccttgaac	420
attcagcaca	aagacaaaac	agaccagacc	agaagagtcc	cacagaatag	gggaaactat	480
tcagagaaaa	cttaagccac	taagttttat	ggtgttttgt	tcttgtagcc	agaagcatag	540
gcatactggc	caatacaaac	cgaaatcctt	ctaactgtant	ggaccctttt	caggccagca	600
ttttttccct	tgaaaacctg	ggagccttgt	attccatctt	attagcagaa	gatcactttc	660
accaatgggt	tgggctcttg	atttgggaatt	gatgatgtaa	tgagcctnta	ttcnanatgn	720
gacttaatac	ctctgcgaat	tgactggatt	ccn			753

<210> 3217

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (754)

<223> n = A,T,C or G

<400> 3217

ttggantctt	ctcngaaacn	cttngcnatt	gcncntnctg	naggatccca	tcgattcgaa	60
ttcggcacga	ggttcttcaa	agccaaccaa	gacaggcttn	tnagttttag	agcttcagaa	120
caaattgcc	aaagccagag	ttgtttatgc	tagtgcaact	ggtgcttctg	aaccacgcaa	180
catggcctat	atgaaccgtc	ttggcatatg	gggtgagggg	actccattta	gagaattcag	240
tgattttatt	caagcagtag	aacggagagg	agttgggtgcc	atggaaatag	ttgctatgga	300
tatgaagctt	agaggaatgt	acattgctcg	acaactgagc	tttactggag	tgaccttcaa	360
aattgaggaa	gttcttcttt	ctcagagcta	cgttaaaatg	tataacaaag	ctgtcaagct	420
gtgggtcatt	gccagagagc	ggtttcagca	agctgcagat	ctgattgatg	ctgagcaacg	480
aatgaagaag	tccatgtggg	gtcagttctg	gtctgctnac	cagaggttct	tcaaattcta	540
tgcatagcaa	tccaaagtta	aaagggtttg	tgccactagc	tcgagaggaa	atcaangaat	600
ggaaaaatgt	gttgtaattg	gtctgcantc	tacaaggaga	agctangaac	atttagaaag	660
ctttggaaag	aaggccggng	ggagaaattg	aatgattttt	ggtttcaact	nccaaaagggt	720
gtgttgcnc	cccttctttg	aaaaaacatt	ttct			754

<210> 3218

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (761)

<223> n = A,T,C or G

<400> 3218

tggtgcccgt	tcttantctg	ngctctcgtc	ttccttctta	tacctgggca	ncncttggcg	60
gccccnaggn	tcccangnag	ccnngcngng	ncngattcgg	cacgagattc	caaagggttc	120
aaagaacttg	gtcataaata	tgataatgag	aagacaaagt	atztatatta	aaacagttta	180
gtagccttca	gttttgtgaa	aatagttttc	agcacagaaa	ctgacttctt	tagacaaagt	240
tttaaccaat	gatggtgttt	gcttctagga	tatacacttt	aaaagaactc	actgtcccag	300

tgtaaaactg	gaaaatagga	aaattcatta	ncagcttaat	gggtatcctt	acttgatncn	660
ctgggtttgg	aagtcctccac	acacattaaa	tctgtaatga	aancnctttt	ggttaaaatt	720
tctctat						727

<210> 3210
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 3210						
gnngctance	tttctatta	nnttgganct	ntnttctntc	tncangtanc	nnntgcgntg	60
ncgaattcgg	cacgaggatt	ttcgaaactc	ttcagctact	tgcccttttt	tatctgaaac	120
catcatacct	tctgaaagaa	aaaagcatat	cttcattgac	ataacagaag	tgagatggcc	180
cagtcttgat	acagatggta	ccatgatata	tatggagagt	ggcattgtga	agataacatc	240
tttagatggg	catgcatacc	tctgcctgcc	cagatctcag	catgaattta	cagtacattt	300
tttgtgtaaa	gttagccaga	agtcagactc	atctgcagtg	ttgcagaaca	aataataaag	360
ccccaaaaga	taaactagtt	gaaaaaactg	gcaaaatctg	tatacgtgga	aattttaccag	420
gacagagact	gaagaataaa	gaaaatgagt	ttcattgccca	gatcatgaaa	tccaaagaaa	480
ctttaaagaa	gatgagttgt	gtaaatggaa	ctgaagggag	ggaagagctg	ccttcgcctg	540
gtacaaagca	cacatgtgta	tacacatggg	tcaagcagtg	ctgggtctgtg	gctgcctgtc	600
cagangaatg	gaaatatcct	ttgncttttag	cacttcattt	tcataataaa	atcagcaatt	660
tgtctaaaaa	aaaananana	aaaaaaactc	gagccctnta	naactntngt	gaggccnant	720
tacgttgaat	ccagacntga	ttat				744

<210> 3211
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

<400> 3211						
gtntngnnng	nngttnnatt	atatggntcg	nctnnctcna	nnancnangc	ttgngctgac	60
aacttgattg	ggttctcctt	caggtttgaa	gcgccctcna	gaagtgtcta	aaggagacag	120
ttgatagcca	aacaacagtt	ttggattcac	tgactgatta	tgaaagaagc	agtagactgg	180
tatcaagaat	cagtcagcaa	ggaggccctc	accagacgcc	agtgccatgt	tcttggactt	240
ctcagcctcc	atattcatga	actaagtttt	tggaatcctt	aggcttccac	gtgtggaaag	300
cctgagctaa	cctactggag	gatgagccat	cacctggagc	agattcaggc	catcctagtt	360
gaagcctccc	taggccaagc	aaccgtccaa	ctaccagaca	ttgaccattc	agccttgaac	420
attcagcaca	aagacaaaac	agaccagacc	agaagagtcc	cacagaatag	gggaaactat	480
tcagagaaaa	cttaagccac	taagttttat	ggtgttttgt	tcttgtagcc	agaagcatag	540
gcatactggc	caatacaaac	cgaaatcctt	ctaacgtant	ggaccctttt	caggccagca	600
ttttttccct	tgaaaacctg	ggagccttgt	attccatctt	attagcagaa	gatcactttc	660
accaatgggt	tgggtctctg	atttggaatt	gatgatgtaa	tgagccntna	ttcnanatgn	720
gacttaatac	ctctgcgaat	tgactggatt	ccn			753

<210> 3212
 <211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(763)

<223> n = A,T,C or G

<400> 3212

```

ngggtgnnnn nnttttcta nctgggggnc nntnnncnnn ntttccta ncttaggnge      60
tcgttctttc tccangcagn nnngcgtttc gcgacagctc tccaatactc aggttaatgc      120
tgaaaaatca tccaagacag ttattgcaag agtttaattt ttgaaaactg gctactgctc      180
tgtgtttaca gacgtgtgca gttgtaggca tgtagctaca ggacattttt aaggggccag      240
gatcgttttt tcccagggca agcagaagag aaaatgttgt atatgtcttt taccggcac      300
attccccttg cctaaatata agggctggag tctgcacggg acctattaga gtattttcca      360
caatgatgat gatttcagca gggatgacgt catcatcaca ttcagggcta ttttttcccc      420
caciaaccca agggcagggg ccactcttag ctaaatccct ccccgtagct gcaatagaac      480
cctctgggga gctcangaag ggggtgtgtg agttctataa tataagctgc catatatattt      540
gtagacaagt atggctcctc cgtatctcct ctctctagga gaggagtgtg aacaaggagc      600
ttagataaga cacccttaa acccattccc ttttcagga gacctaccct tcacaggcac      660
aggccccaa atgagaagtc tgctacctca tttctcatct ttttactaaa ctcaaangca      720
ntgacagcag tcagggacag acattcattt ctnnatacct tcc                                763

```

<210> 3213

<211> 819

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(819)

<223> n = A,T,C or G

<400> 3213

```

gnagnncggn ttcttatgat cgtggctnct cntctannng ttgtgtaatg ctnggtcnnc      60
angannnnnt gcganncgaa ttcggcacga aggggggttc ccaatagtag aaaagggtcc      120
ccattcctgc tcagcaccgc acctctctac cccccacag acacacatgc agacacacac      180
atgcagacaa cacgcagaca cacacatgca ggcactcaca tgcaggccca tgcacacaca      240
cgtgcacaca catgcagaga catgcagaca cgcaggcaca catgcacaca tgcaaagaca      300
cgcattgcagg cacacgcaga cgcacacaga gacacacatg cagatcacat gcacacacac      360
atacacacac tggccccctgt ttttctgtgg tgtcactggg tgccagcaac tcggtatctn      420
ccaccttcca ctaaaacctg ggccttaatt tctctcccgt cccaccct aaattcctga      480
tggatgaacc tagagctgtc ctgtccactc caggccggac tgacgtancc tatgggcca      540
gcagggtccag ggcccacgtt ttaatttctt ttnaaaagc tttaggctct ggccnggccg      600
ccggtggttc acgccttggg agttcccagc atttttnggg aaggccnaag gccgggttg      660
attcaciaag gtcaagcaag tttcaaggaa ccaagccttg aaccaggcca ttgggtgagg      720
aaccctgggc ttnttactng ggnaaattcc caaaaaaaaa ttggccttgg gccnaagggt      780
gggcaagggc acccttgttg ggtccccc aaatttacct                                819

```

<210> 3214

<211> 819

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

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ttttaatacn tttttnaatn cttgettncg ntccttttgcg ggatcccatc gattcgaatt      60
cggcacgaga gcaattccac tcctagctcc acccacaggt aattgaaagc aaagacgcaa      120
acagatgcct gtgcaccaa gttcacggca gcatacctcg ccatagtggc agcatccgtc      180
gtcacagcgg natcatcctt catcatagcg gcagcatccg tcgtcacagc ggcagcatcc      240
ttcgccacag cggcagcatc tgtcgtcaca gnggcagcat ccttcgccaa agcggcagca      300
tccttcgtca tagcggcagc atccttttgc atagcggcaa ggtggaaacc ctgtccatcc      360
actgaggcgt gcatagacta aacatggcca gtccaggcac tggaatccag gccgtanaac      420
ggngcccacn gtcaaaagga atgagaccct gatgcactgg gcgacacaga cgggcgacac      480
agacttggag acatcatgct aagtgaaaag ccaggcacac ggagcggacg gggtgatcct      540
gctcacgtga tgtgtcccga atgggcacnt tcagagggga agaanggaga tggcgcttga      600
cngtgnccgg gaacgggggtt gggagcgacc ggttggttgg ttngggtttc tttctngggg      660
gaaggaaatg tttttgatat tggggccggt tgggtgatnt ttgcattacc ctttgaatat      720
gcttanaacc cncatagaaat tgnnacactt tttaaatngn ttggaaatt      769

```

<210> 3206

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (749)

<223> n = A,T,C or G

<400> 3206

```

tgttctaata ctaggtn tac tgcctttttg caggatctna tcgattcnaa ttccggcacga      60
ggggtcctgg tgggagtnnc atncagcagn ganngcattc ttccncaca ncagtnaacg      120
gtcttattaa nagccaccac ttnctgang cctgtacagg ccttgngngt tngngaaca      180
gaaatnncgc aggcacttgt accttcaagn anggacttgt gcctnactgn naggggtggc      240
gttgacctg gctcnacnga catacccant ctgacttnna acngncngt ctnagcttac      300
gctagactgc acnnccaagn ttgcanccct ntntngnctt ccctgcattn accaatgaca      360
gtacgaccaa cagtcaanga aaagtgccaa gatatactta tcccatttct tctacacctg      420
tanattcctn actatgctca aactatgtgg ngcaangaan actggngnac atttttagtc      480
aatgatgctg acaattaatt actgggtgngg ccaggcatat nttcacggct gcttgatgatg      540
ccaacnaaga acgggccccg gccatcctt actcctngnc cccaaanaga tccagtngga      600
atgggaaget gnnannacca acccaactnn tgatttacca ccaacnccaa anatcacgca      660
tgnnnacagc aaaacaacaa cncnatgcac ttaacaagna nccnaaaant naactcgngc      720
ctctaaaact attngggant cctttanct      749

```

<210> 3207

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (848)

<223> n = A,T,C or G

<400> 3207

```

gnatgncccg atttcttaa tgatgggggn nnnnngagcg anncttccga aanttccaat      60
annctggng ntcgcaactc nctcnanaca gnaaggncgn gggctttgct ctctccattc      120
caagttgntc tctgttctag aaagcagatg tagtagacat ctactgttgt tgctgaaca      180
gaatcccttt gtcctttttt tgntaaaagt actcatccct aatattcatt gtncgtggaag      240
gactgaaaat acagaactca caccatgatc ggccgggaca atcagattat ttcattccnc      300
agcaaacgga gatcganccg aaaagtggaa anatgagcnc ttctttggng ttggcatatg      360

```

gaccctgaga	gaaagaactn	tnattntttc	tcttggactg	caataaaagta	tagctgccta	420
aaatacgnnt	cctgacactt	ggaggnttgt	ccacaatcgg	ngaaaataaag	gcgagaccgn	480
acactggatg	aaaaaaanaa	gnnccngnn	gaanaccac	tnnnccannn	nccnnccnn	540
tnccannng	nnganccnnn	tanccgnnan	nagggcnnng	cnntngcnnn	nnngccnnnn	600
nnnnnnnggn	aaaccnnnnn	gnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	660
nnngnnctnn	nnnnnnnnnn	ccnnnnnnnn	cnncnnnnnn	nggnaanncc	nnnnnnnnnn	720
annnnngggn	nnnnnnnnnn	ccnnnnnnnn	cnncnnnnnn	cnnnnnnggn	nnnnnnnnnn	780
nnnnnnnnnn	nnnnnnnnnn	acnnnnnggn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	840
nnnncccc						848

<210> 3208

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 3208

tgggnnnngnn	ccnaangcng	gggannnggt	ccccgttcca	anactggaan	ncttggcann	60
cgaactcgct	cnannagnaa	ggccgggnga	attcggcacg	aggccccgct	ccatgagcag	120
tgactcccca	gctcctcctg	gcaccagtcc	ccagggtctct	cctgtttggt	gttctctgctt	180
ttcttcttgg	aaattcctcg	tggacctcga	gatctttacc	ctaaaatagt	tctgttgaat	240
ttcaccttgg	caatgtaaat	tgatagctta	tcttcacaga	tgccagacaa	tggaactc	300
accatcagtc	ctctgctcac	ctgagacaaa	tgcatgtctg	attgcttctt	ctgcccattt	360
ggntatgtga	aaatgcagat	tactgagcc	agactaaggc	atcagtgact	ggtcctctac	420
ctgcctctca	catggagatt	gggtattcag	tgaaaggctg	atcaaagacc	caaaggaatg	480
caacagttta	tctcttatct	acctatgacc	tgcgantctg	caccaccccc	agntggngcg	540
cctttccaga	cagaaccagt	gtacatctta	cacgtattaa	atngatgtcc	cnggggctcc	600
cnaanangna	tcaaacaagc	ngggcctcga	ccaccttggy	cacatatccc	nanggacatc	660
annctggagg	ctngngncac	tggcattggc	cctnaccctn	ggcaaaataa	accttctaaa	720
attggnaaaa	anaanaanaa	aaaaacctng	nnccctntna	naacnntacg		770

<210> 3209

<211> 727

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(727)

<223> n = A,T,C or G

<400> 3209

gtgatctttn	tgagtggggg	ccntnctngc	tctannan	aggttngng	ggctagegat	60
ttctacctgc	gctactacgt	agggcacaag	ggcaagtttg	ggcacgagtt	tctggagttc	120
gaatttcggc	ccggacggaa	agcttagata	tgccaacaac	agcaattaca	aaaatgatgt	180
gatgatcaga	aaagagctta	tgtgcacaag	agtgtaatgg	aagaactgaa	gagaattatt	240
gatgacagtg	aaattacaaa	agaagatgat	gctttgtggc	ctcccctgat	agggttggcc	300
gacaggagct	tgaaattgta	attggagatg	agcacatata	ttttaccaca	tcaaaaatag	360
gttctcttat	tgatgtaaat	caagtcaaag	gatcctgaag	gccttcgagt	attttactat	420
ttggtacaag	acttgaaatg	tttagttttc	agtcttattg	gattacactt	caagattaaa	480
ccaattttaa	ttgtatgttt	tcaagctggg	tgnatattta	attaaaggga	tgggaagggg	540
ttatttgtca	tttacagtat	tgggggtttta	tgaatgtgaa	gcaaccaaaa	aaaatttnaa	600

<210> 3201
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

<400> 3201
 gatgccgggt cctatgatgn gctctcggt tcctaggagt tccaanactn ggctngcncg 60
 aggncttnta aatatatctn ggntttanta ggtgataagt nctgtcantt agtancatct 120
 gaaaaancag ctttgtcctg ggtgaaaaag gatgccaaaa ttgcctggaa aagagcagtg 180
 anaggagtcc gggagatgtg tgatgcntgt gaagcancat tgtttancat tcatggggtc 240
 tgccaaaaat gtggatttgt ggtctgctta gattgttnca agggcaaagga aaggaagagt 300
 tctagagata agaactata tgcttggatg aagtgtgtga agggacagcc tcatgatcac 360
 aaacntttta tgccaaccca aattatacct ggttctgttt tgacagatct tctagatgcc 420
 atgcacactc ttagggaaaa atatggtatt aaatcccatt gncattgtct aacaaacaga 480
 atttacaagt tggaaaatttt cctncatgaa tgggtgatct caagtttaca gaatgtctta 540
 atcacagtat aaaattctct gngcatgcct gagtctcagc gccaaaatcc tcctccgaag 600
 tctgagaaaa atggtggcag cnnccccana aagtgatgtt nggcnccaga ttaccaggtt 660
 aacttctctc agaatnccag tcaccactgn actggntagc anatcttgcc gagccaaaaa 720
 gccnaagng ggaaaaaaa aaaaaaaa 748

<210> 3202
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

<400> 3202
 ggnnnnngnn ngntnncgtt ccctattant caggngctcg ntctntctcn annnancnng 60
 gcgtgtncga attcggaacg aggattttcg aaactcttca gctacttgcc cttttttatc 120
 tgaaaccatc ataccttctg aaagaaaaaa gcatatcttc attgacataa cagaagtga 180
 atggccagc cttgatacag atggtccatg atatatatgg agagtggcat tgtgaagata 240
 acatcttttag atggtcatgc atacctctgc ctgccagat ctcagcatga atttacagta 300
 ctttttttgt gtaaagtttag ccagaagtca gactcatctg cagtgttgct agaaacaaat 360
 aataaagccc caaaagataa actagttgaa aaaactggca aaatctgtat acgtggaaat 420
 ttaccaggac agagactgaa gaataaagaa aatgagtttc attgccagat catgaaatcc 480
 aaagaaactt taaagaagat gagttgtgta aatggaactg aaggaggagg aagaactgcc 540
 ttcgcctggt acaaagcaca catgtgtata cacatgggtc aagcagtgtc ggtctgtggc 600
 tgnctgtcca gangaatgga aatatccttg gcttttagcac ttcattttca taataaaatc 660
 agcaattntg tctaaaaaaa aaaannnana aaaaactnga gcctntanaa ctntagtgag 720
 tcgtattacg tagatncnna catgataa 748

<210> 3203
 <211> 780
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(780)
 <223> n = A,T,C or G

<400> 3203

ctaaatgctt	tggganagmn	ncccccttga	ancctntnaa	atcctttggc	aanttgcnct	60
cnctgtngga	tcccatcgat	tcgaattcgg	cacgagagac	agggagaaga	gaggaagagg	120
gagctgcagg	tgccagaaga	gaacaggggc	gactctcagg	acgaaaagag	tcaaaccctt	180
ttgggaaaat	cagaggaagt	aactggaaa	caagaagnca	nggtctaaag	gagaaagggg	240
tcccagtcag	cgggcaggag	gcgaaagagc	cagagagttg	ggatgggggc	aggctggggg	300
cagtgggaag	agcgaggagc	agggaagagg	agaatgagca	tcattgggct	tcaatgccc	360
ctctgatagc	ccctgaggac	tctcctcact	gtgacctgtt	tccaggtgcc	tcatatctcg	420
tgactcagat	tcccgggact	cagacagagt	ccagggtgta	ggaactgtcc	cccgcagctc	480
tgtctccctt	gctagagccc	atcagatgct	ctcaccagcc	catttctcta	cngggctcct	540
ttttgactga	ggagtcacct	gacaaggaaa	aacttctatc	agtactttga	tatgtcacag	600
tttcatgttt	atccagttca	atgtattttt	aaatttttcc	ttgagacttc	tttgactgat	660
agattattgt	gaagtgtgtt	tttaaaattt	ncaaattgtt	aagggatttt	catatctttc	720
ttaatgctga	tttccaattt	ggattcccta	caatgattct	gggattcatc	tgctctggac	780

<210> 3204
 <211> 796
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(796)
 <223> n = A,T,C or G

<400> 3204

tcttttaatg	cttttttncaa	gccttggttn	aaatcctttg	caggatccca	tcgattcgaa	60
ttcggcacga	gactaccccg	gctacgggtc	ccccatgcct	ggcagcttgg	ccatggggccc	120
ggtcacgaac	aaaacggggc	tggacgcctc	gcccctggcc	gcagatacct	cctactacca	180
gggggtgtac	tcccggccca	ttatgaactc	ctcttaagaa	gacgacggct	tcaggccccg	240
ctaactctgg	caccccggtg	cgaggacaag	tgagagagca	agtgggggtc	gagacttttg	300
ggagacgggtg	ttgcaagaga	cgcaagggag	aagaaatcat	aacaccccca	cccnaacacc	360
nncaagacag	cagtcttctt	cacccgctgc	agccgttnct	ttccaaacag	agggccacac	420
agaatacccc	acgtttttat	ataaggagga	aaaccggnaa	aanaatttaa	aagttaaaaa	480
aatanccttt	cngttttaca	ctactgntgt	agactcctgn	tttcttcaan	cacctgnaga	540
ttcttgattt	ttttgttggt	gatgntctct	ccattgcttg	tngtttgcnt	gggaantttt	600
atttaaaaaa	aaaaaaaatt	cttgtagagn	gactttggnt	tttaaaccan	tgntagattt	660
taacngnacc	cttaatgggt	tgtacntata	tgntttnaaa	acatgnnaan	aaatatttaa	720
tgtaaagggn	ctgttnntaa	atntaaccac	ntanagaant	tnnaaannnn	ttnanccctt	780
tagaacnatt	nntgng					796

<210> 3205
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 3205

tcacttagaa	taaaatccgg	actcctgtga	agcacacata	actggggccac	tgnctatgca	360
gcaacctcat	ctttaccgtt	tcttgccctg	ctcactccct	ttcaagcgcc	gntattcttc	420
ctgatgccct	agtacacaac	aactccttct	gcttcaaaga	gtangaaaat	tactggntct	480
tctgccagt	agantccnct	tctgggnatta	cccttgctnc	aattgctgaa	acttctncaa	540
atatcaacct	tctaaaaaag	agccctttta	aaaacaccct	tttctaatat	ggccctact	600
caaatttcca	agtcacctg	naattggggc	caatttcccc	caactttcaa	taagcaacct	660
taaatgggct	aatcctggaa	aattnacccc	cctaaaaang	gngcaancct	ttnaatggaa	720
nngggtaagg	gccaaanttn	aattnggncc	tntngngnna	cctggggnaa	anggncccta	780
ggaaggaaac	ccaagccaan	cttgggggctt	caaaaaannt	anggggcaac	cttcnaaana	840

<210> 3197

<211> 833

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(833)

<223> n = A,T,C or G

<400> 3197

atccngttct	ntannnnngtc	tngttctttc	tncacgaten	nntgcgattc	gaattcggca	60
cgagggggtcc	tgggtgggagt	tccatccagc	agtgagtgc	ttttttcccc	agagcagtta	120
agggtcttat	taaaagccac	cactttgctg	aggcctgtac	aggccttggg	ggtttgggga	180
agagaantaa	ggcaggcact	tgtcccttca	gggagggact	tgtccntact	gggaggtttg	240
gggttgacct	tggctccagc	agagataccc	agcctggcnt	ggaagggcag	gtcttgagct	300
tacgcttgac	tgcaagggca	agctgcaggc	ctcttctgcc	ttcccttgca	ttcaccaagg	360
acaagtagga	ccaagaagtc	aagggaagag	tgccaagata	gatctattcc	catttctttc	420
ttccacctgg	agaattcctg	agctatgctt	caaacctctt	ttggggccagg	gaaagactgg	480
gggacatttt	ttagtcaagg	atgctttaag	aaagtaaatt	cctgcttggg	ggcccaggcc	540
ttctttttca	agggtcttgc	tgtgaatgcc	caaccaaana	aaagggggccc	ccaaggccca	600
atcccttact	tcctnggtcc	ccccaaaaag	ggatnccaan	ttgggggaatt	gggaaaactt	660
gggcanncac	ccnaanccca	ctttggtagg	anttnacca	cccaaccaac	ccaaaaccan	720
cccacccaaa	ttnaaaaaaaaa	ggccaaaacc	accaaccaac	cnaaaccenn	annnnnnnnn	780
nannnnnnnn	nnnaaaaaaaaa	ctttgangcc	ttttaaaaaa	tntttngngn	ggn	833

<210> 3198

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 3198

gtnnnnnttca	atgcttggct	ctttccnagc	naggatccca	tcgattcgcc	aggctagtct	60
tgaactcctg	gcctcaagca	atcctccac	ctcgccctcc	caaagtgcgt	ggattaaagg	120
cgtgagccac	cgtacctggc	ccttggtgga	atctttaggg	ttttctattc	atacatataa	180
aatcatatca	ttggcaaaca	gagataaatt	tacttnctcc	tttccaattt	ggatgcctta	240
gatttctttt	ccttgccctaa	ctgctctgtc	tagaactccc	agcactatgc	tgaatagagt	300
ggcaagagca	ggcatttgcc	ttgttccata	ccttagagaa	aaatccttca	gccttttacc	360
attgaggatg	atgtttgctg	ttagtttttc	ataaatgata	tatatcaggc	tgaataaatt	420
tctattttcta	aaaaaaaaaa	ntncttnnct	ttanaaaaaa	tgctaaaaaa	aaaaaactcg	480
agccttttaa	actatagnga	gtcgnnttac	gtaaatccag	acntgataag	atncattgat	540

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gagtttggca aaccacactn naatgcagtg aaaaaaatgc tttatttgng aaatttggga      600
tgctattgct taatttgnaa cccttttaag ctgnaataaa caagttaaca acaccaatgg      660
attcatttat ngttcangtt cagggggagg tntngnaggg tttttaattc cgggccnnng      720
gnccaaanca ttt                                                         733

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<210> 3199
<211> 870
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (870)
<223> n = A,T,C or G

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<400> 3199
nagttaanag taggtcttgt cttttgcaag atcntancga ttcgaattcg gcacgagtat      60
ataacaactt ttgctttcaa agttgggtgg gactagancn cncantggaa ggntggagtc      120
agganacctg gattnttgng cccgntntgg nttttacagt ntgcctaant ttntgcagtn      180
acttcntggc ancctgtttc nttacntnca anagggaaag acantccttg gccagcctag      240
ttttnagggt gaacgaaagg tcntntcac tgcntcctct agtcatttgc ttcttcgnta      300
attaacacat cttgagcacc tgcnatgttc caggaacagg agatggcanc gtgcaagata      360
aagtccctga cttctagaga ctgcatgtta gtggcaatcg gcgtntaccc ggcctttaat      420
aaactactga atgaaggaaa attctaccta caccagacac aattactggg gtttctaaaa      480
tggaattatt cccccggccc cntgcatcca gcagcctgnt gcagggaaac tcctccnaaa      540
ggcttgtaag gcaaggaanc cgggacaatg gcntggctat ttaagcttnc aacaagatgg      600
ttacccttaa gtncctaatt ccctaacacc aagggggccc tttaccagga aaccaaacc      660
agggttaaaaa accccaaagt tgggnaaaaa gccatttgcc anccggggcc nttttaaaaa      720
aaacctttta aaaacctttc ctttttaaaa ctttaccttc aagntaaan ttttaaggga      780
atgggnccaa nttttttaac cancccaaaa aaaaanttng gnaatttttt tcccnnaaat      840
tttttnaant tccccaaatt tnggaaaang                                     870

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<210> 3200
<211> 733
<212> DNA
<213> Homo sapiens
<220>
<221> misc_feature
<222> (1) ... (733)
<223> n = A,T,C or G

```

```

<400> 3200
nagtttaann gtatgtcttg tcttttccaa gatcctatcc gattcgaatt cggcacgaga      60
agtgtcagtt ttccaatct cagtccaggt aggatttaaa aantntctca agtggtgatg      120
ctntccaagc ntgttgggtt ggaagggaat tgggtgccag aaaatgggac tggagtggag      180
aatatctttt cttttgagag tncctccagt taattntnc tgtgcttnat tgcetnetgn      240
ctttattgtg aatgttgtta cattttaaaa atgttttgcc ntagcttttt aggacttggn      300
gttaaaggag ccagtgggtc ctctgggtgg gtncctataat gaggtaattgt gaccacagc      360
ttgtgtggga ccacatcact tgtaataaac acaaccttta aagtaacca tcttcagggy      420
gggttccttc atgttgccac tcccttttaa nggacaaact caggcaagga gcatgttttt      480
tngtnattta caaaatctan cagactgtgg gtatccatat ttnaattgtc ggggtacaca      540
tgttcttggt aactaaactc aaatatgtct ttctcatata tgtgctgatg gttttaataa      600
atgtcaaagt tctcctgtta aaaaaaaaaa aaaaaaaac tcgagccttt anaactntnt      660
gagtcgnta cntagatccn gacatgataa gatcatgatg agtttggaca accncactng      720
aagcagtga aa                                                         733

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<222> (1) ... (754)

<223> n = A,T,C or G

<400> 3192

ttggantctt	ctcngaaacn	cttngcnatt	gcncntntctg	naggatccca	tcgattcgaa	60
ttcggcacga	ggttcttcaa	agccaaccaa	gacaggcttn	tnagttag	agcttcagaa	120
caaattgcca	aaagccagag	ttgtttatgc	tagtgcaact	ggtgcttctg	aaccacgcaa	180
catggcctat	atgaaccgtc	ttggcatatg	gggtgagggt	actccattta	gagaattcag	240
tgattttatt	caagcagtag	aacggagagg	agttggtgcc	atggaaatag	ttgctatgga	300
tatgaagctt	agaggaatgt	acattgctcg	acaactgagc	tttactggag	tgaccttcaa	360
aattgaggaa	gttcttcttt	ctcagagcta	cgttaaaatg	tataacaaag	ctgtcaagct	420
gtgggtcatt	gccagagagc	ggtttcagca	agctgcagat	ctgattgatg	ctgagcaacg	480
aatgaagaag	tccatgtggg	gtcagttctg	gtctgctnac	cagaggttct	tcaaatctta	540
tgcatagcaa	tccaaagtta	aaagggtttg	tgccactagc	tcgagaggaa	atcaangaat	600
ggaaaaatgt	gttgtaattg	gtctgcantc	tacaaggaga	agctangaac	atthagaaag	660
ctttggaaaag	aaggccggng	ggagaaattg	aatgattttt	ggtttcaact	nccaaaaggt	720
gtgttgcnct	cccttctttg	aaaaaacatt	ttct			754

<210> 3193

<211> 856

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (856)

<223> n = A,T,C or G

<400> 3193

tggtgcngt	tcctattccg	tgctntcgtn	ctncnccagg	ancnangcgt	ntcgaattcg	60
gcacgaggaa	ggaggacctt	ggcacacaca	tatgggtggc	acaccagga	gggtagtggg	120
gagttagatt	tcagagtcca	ggccctaggt	tgggacccac	tccaaataat	ctcctcgggtg	180
tgggtggtgg	ttctatagag	ggataaatga	ataataaaca	ttgttaaaat	atacgaaaaa	240
aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	anaanaaaaa	300
aaaananaaa	aatnaaaaaa	annanaaaaa	aaaaaaaaaa	aanncccctn	cnccctaaaa	360
nattcngggg	ggnttttttc	tccannccnn	ntnttttaata	nnctncttnt	tgnttcttng	420
nctcaccnnt	tcttttggtg	ggcnntaana	naaaatnttn	nttttttttn	ggntanaaat	480
ncnntnnng	ttttttntnn	ttttttttcn	aaacctcct	ntntntanct	ncgtntcnaa	540
aaanntnttt	ntccnncnnc	nttnntntnt	nctntttcta	ttttntnttc	ttntncaann	600
ttccnangtg	nnnngngtnt	nntgnggctt	gtttnttttt	ncnnccctng	gtcatccnnc	660
caataatttc	ttnnccccc	nannccnnat	ttttntnnnc	ctctatntnn	gngngnnnat	720
atnantcccc	tttatnttn	atnantagtc	ntntnttttn	ttntccntng	tnatannatt	780
ttntntcccn	ntntaanttc	ctcannnnat	ttntntnnnc	ncngngntata	tttnangnta	840
nntcnnccgg	gttntct					856

<210> 3194

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (753)

<223> n = A,T,C or G

<400> 3194

gtntngnnng	nggttnnatt	atatggntcg	netnnctcna	nnancnangc	ttgngctgac	60
aacttgattg	ggttctcctt	caggtttgaa	gcgcctcna	gaagtgtcta	aaggagacag	120
ttgatagcca	aacaacagtt	ttggattcac	tgactgatta	tgaaagaagc	agtagactgg	180
tatcaagaat	cagtcagcaa	ggaggccctc	accagacgcc	agtgccatgt	tcttggactt	240
ctcagcctcc	atattcatga	actaagtttt	tggaaatcctt	aggcttccac	gtgtggaaag	300
cctgagctaa	cctactggag	gatgagccat	cacctggagc	agattcaggc	catcctagtt	360
gaagcctccc	taggccaagc	aaccgtccaa	ctaccagaca	ttgaccattc	agccttgaa	420
attcagcaca	aagacaaaac	agaccagacc	agaagagtcc	cacagaatag	gggaaactat	480
tcagagaaaa	cttaagccac	taagttttat	ggtgttttgt	tcttgtagcc	agaagcatag	540
gcatactggc	caatacaaac	cgaaatcctt	ctaacttant	ggaccctttt	caggccagca	600
ttttttccct	tgaaaacctg	ggagccttgt	attccatctt	attagcagaa	gatcactttc	660
accaatgggt	tgggctcttg	atttgggaatt	gatgatgtaa	tgagcctnta	ttcnanatgn	720
gacttaatac	ctctgcgaat	tgactggatt	ccn			753

<210> 3195

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (840)

<223> n = A,T,C or G

<400> 3195

cggatnncgt	nagganngat	ngtagnanncn	tcgctcnccc	tntgagnaag	ggngngcgaa	60
ntcggcacga	ggaccaggt	agaccagctc	annagnnntt	tttctttgtc	atcctcctgt	120
gagctctctg	naagtctctt	tcttgcccat	caccacatcc	ctagtactgg	gtatcagtct	180
ggccacttgg	ctttctggtt	tgccccaatg	tggncatttc	ttgatgcagc	taccaaagta	240
atgttttaaa	accatnatac	caagttacta	tccttgcaaa	acccccagta	actgccaatc	300
tcacttagaa	taaaatccgg	actcctgtga	agcacacata	actgggccac	tgncatagca	360
gcaacctcat	ctttaccgtt	tcctgccttg	ctcactccct	ttcaagcgcc	gntattcttc	420
ctgatgccct	agtacacaac	aactccttct	gcttcaaaga	gtangaaaat	tactggntct	480
tctgccagtg	agantccnct	tctggnatta	cccttgctnc	aattgctgaa	acttctncaa	540
atatcaacct	tctaaaaaag	agccctttta	aaaacacct	tttctaatat	ggccctact	600
caaatttcca	agtcaccttg	naattggggc	caatttcccc	caactttcaa	taagcaacct	660
taaatgggct	aatcctggaa	aattnacccc	cctaaaaang	gngcaancct	ttnaatggaa	720
nngggtaagg	gccaaanttn	aattnggncc	tntngngnna	cctggggnaa	anggncccta	780
ggaaggaaac	ccaagccaan	cttgggggctt	caaaaaannt	anggggcaac	cttcnaaana	840

<210> 3196

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (840)

<223> n = A,T,C or G

<400> 3196

cggatnncgt	nagganngat	ngtagnanncn	tcgctcnccc	tntgagnaag	ggngngcgaa	60
ntcggcacga	ggaccaggt	agaccagctc	annagnnntt	tttctttgtc	atcctcctgt	120
gagctctctg	naagtctctt	tcttgcccat	caccacatcc	ctagtactgg	gtatcagtct	180
ggccacttgg	ctttctggtt	tgccccaatg	tggncatttc	ttgatgcagc	taccaaagta	240
atgttttaaa	accatnatac	caagttacta	tccttgcaaa	acccccagta	actgccaatc	300

tcagaacaga	tgcttgaaat	atgcacttag	cacttttggt	ccacatctgt	ctgggtaaac	600
catgaagaaa	atgaagctgc	tgccccaatc	gancccagac	agcagccata	ggcagataaa	660
gatttngggt	cacccttggt	ggtgggaggc	atcggtgtgt	cctttttttc	ctctaataatc	720
aattttacag	tccgggaan					739

<210> 3188

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 3188

gnnnngncgtt	cnaattncgn	ggnntctttc	tngccnanna	nnannngcgt	gngngaattc	60
ggcacgagac	tgttcatcct	aagttccact	ataaacaggc	tcatgactcg	ggcacagaca	120
cttcttgctg	gactttttcc	tatgatggta	atgtccttgc	ctctcgtgga	ggtgacgatt	180
cattaaaatt	atgggacatc	cgacaattta	ataaaccact	tttttcagcc	tcgggtcttc	240
ccaccatggt	cccaatgact	gactgctggt	tcagtccaga	tgataagctc	atagtcactg	300
gtacatctat	tcaaagagga	tgtggcagcg	gcaaacttgt	tttctttgag	cgtaggactt	360
tccaaagggt	gtatgaaata	gacatcacag	atgcgagtgt	tgttcgctgc	ctgtggcatc	420
caaagctgaa	ccagatcatg	gttggaaactg	gaaatggatt	ggctaaagtc	tattacgacc	480
ccaacaagag	tcagagggga	gcaaaaattat	gtgtgggttaa	aaccancg	aaggcaaac	540
aagctgagac	tctactcagg	actacatcat	caccctcat	gccttgccct	tggtcccgtg	600
agccccgnca	acggagtaca	aaggaaacag	ctggagaagg	acagactgga	tcctgaagt	660
cgcattaacc	tgaacctcct	gtancangcc	cangtcgtgg	tggccgattt	ggaaccacg	720
ggggcactnt	tttttcct					738

<210> 3189

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 3189

tggggnnntnn	nttctaattgc	tgggatgttc	taaangntgg	gctactcgtt	ctttccgcag	60
gancccntcg	attcgaattc	ggcacgagga	aagggtggcgc	gcttctcacg	gctgagttgc	120
tgcgcctgca	gacggaagct	ccccacaggc	agagctgctt	ggatgtgtga	gtcatgaagc	180
cagagaagcc	ccgctccatg	agcagtgact	ccccaggccc	tgtgacctcc	ctcctgtctt	240
gcagctcctc	ctggcaccag	tccccagggc	tctcctgttg	gtagttcctg	cttttcttct	300
tggaaattcc	tcgtggacct	cgagatcttt	accctaaaat	agttctgttg	aatttcaccc	360
tggcaatgta	aattgatagc	ttatcttcac	agatgccaga	caatggacaa	ctcaccatca	420
gtcctctgct	cacctgagac	aaatgcatgt	ctgattgctt	cctctgccct	attgnttatg	480
tgaaaatgca	gattcactga	gccagactaa	ggcatcagtg	actgttcctc	tactgcctct	540
cacatggaga	ttgtgtattc	agtgaaggc	tgatcaaaga	ccccaaagga	atgcaccagt	600
ttatctctta	tctacctatg	acctgcgagc	tgncaccac	ccccagttgt	tgcgcttttc	660
cagacagaac	cagtgtcatc	ttacacgtat	taattggatg	tcttgngnct	tccttaatat	720
gtatcaaaac	aagctngcct	tgaacacctt	gggcacn			757

<210> 3190

<211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 3190

gnngnnnnnnn	tttctaattgc	ttgggnnnnnn	ngtcnatgcn	taagagccan	gcggntcgaa	60
ttcggcacga	ggcgggcccc	gccagcggaa	gcccctgcgc	ccgcgccatg	tcaaagaaaa	120
aaaggactga	gtgcagaaga	aaagagaact	cgcntgatgg	aaatattttc	tgaaacaaaa	180
gatgtatttc	anttaaaaga	cttgggagaag	attgctccca	aagagaaagg	ctttactgct	240
atgtcagtaa	aagaagtcct	tcaaagctta	gttgatgatg	gtatgggtga	ctgtgagagg	300
atcggaaact	ctaattatta	ttgggctttt	ccaagtaaag	ctcttcatgc	aaggaaacat	360
aagttggagg	ttctggaatc	tcagttgtct	gagggaaagtc	aaaagcatgc	aagcctacag	420
aaaagcattg	agaaagctaa	aattggccga	tgttgaaacg	gaagagcgac	caggcttagc	480
aaaagacttt	cttcacttcg	agaccaaang	ggaacagcta	aaggcagaag	tagaaaaaat	540
ncaaagactg	tgatcccgca	agttgtngga	agaaatcgcc	aagcaaatna	agtagcccaa	600
ggaactgctt	acagatggac	tgattacata	ttcgcaataa	aatcttnggc	ccaaagaaaa	660
atttnggggt	tgaaggaaaa	ttaaattggt	tngaaccttt	tgaatttcc	cgaaagactt	720
ttgcctnct	ngacttaaaa	tatttccatg	gnggtgaaag	gttgtccaan	ctt	773

<210> 3191
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 3191

gnangnnngn	ttcntagtgc	ccgtgggagt	cttagatncc	ctaaaaaatt	gntaatgctn	60
ggtcggcacg	agtcaaggcc	tacgaaacag	gtgatgcact	accccggtta	cggttcccc	120
atgcctggca	gctnggccat	gggcccggtc	acgaacaaaa	cgggcctgga	cgctcgccc	180
ntggccgcag	atacctccta	ctaccagggg	gtgtactccc	ggcccattat	gaactcctct	240
taagaagacg	acggcttcag	gcccgggctaa	ctttggcacc	ccggatcgag	gacaagtgag	300
agagcaagtg	ggggtcgaga	ctttggggag	acgggtgtgc	agagacgcaa	gggagaagaa	360
atccataaca	ccccaccacc	aacaccccca	agacagcaat	cttcttcacc	cgcttgcaac	420
ccgttccgtc	ccaaacagag	ggccacacag	atacccacag	ttctatataa	ggaggaaacc	480
gggaaaagaa	tataaagtta	aaaaaaaaagc	ctccggtttc	cactactgng	tagacttcc	540
gcttcttcaa	cacctgcaga	ttctgatttt	tttgtgtgtg	gttgttctct	ccattgctgn	600
tgggtgcangg	aagtcttact	taaaaaaaaa	aaaattttgn	gagtgaactcg	gtgtaaaacc	660
atgttanttt	taacagaacc	nanaagggtt	gncctattgg	ttaaaaaaaa	aaaaaaaaaa	720
aaacttngng	cctttagaac	tattanngag	nccnatttac	nttaatccan	nct	773

<210> 3192
 <211> 754
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

agaaacacag	aacaagtttg	ccttctccta	tgttttccag	aaatgacttc	agtatctgga	180
gcacccctcag	aaaatgtatt	ggaatggaac	tatccaagat	cacgatgcca	gttatattta	240
atgagcctct	gagcttccta	cagcgccata	ctgaatacat	ggagcatact	tacctcatcc	300
acaaggccag	ttcactctct	gatccctgtg	aaaggatgca	gtgtgtagct	gcgtttgctg	360
tatctgctgt	tgcttctcag	tggaacgga	ctggaaaacc	tttcaaccca	ctgctgggag	420
agacttatga	attagtgcga	gatgaccttg	gatttagact	catctccgaa	caggtcagcc	480
atcacccacc	aatcagtgca	tttcatgctg	aaggattaaa	caatgacttc	atctttcatg	540
gctctatcta	tcccaactg	aaattctggg	ggaagagtgt	agaacagaac	ccaaaggaac	600
catcaccttg	gagctncttg	aacacaatga	ggcatatata	tggacaaatc	cacctgctgt	660
gtgcataata	tcattgnngg	taaactgtgg	atcgaacagt	ntggcaatgt	ggaaattnta	720
accncagact	ggggacaaat	ntgtgttg				748

<210> 3184

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 3184

ntgcttttca	atctttntaa	atgccttttg	cttctcgnct	tttctgcagg	atcccatcga	60
ttcgaattcg	gcacgagaaa	aagtaaagct	tttcatgagc	acaaatncct	tgcatgtgtt	120
gatgttactg	atattcgtaa	aatgaatatt	ttttgttttg	ttttgtttta	tttttttgag	180
acaagtcttg	ctttgttgcc	caggctggag	tgcaatggca	tgatcttggc	tcactgcaac	240
ccctgccttg	cgagttcaag	tgattcttct	gcctcagcct	cctgagtagc	tgggattaca	300
ggcgctcacc	accacaccca	gctaatttct	gtatttttag	tagacacagg	gttttaccat	360
gttgggccagg	ctggtctcaa	actcctgacc	tcaaactcct	cacacctgta	atctcagcac	420
tttggggaggc	tgaggtggaa	ggatcacttg	aagccagagt	ttgagaccag	cctgtgcaac	480
acagcaagac	cccgctctcta	caaaaactta	aaaaattagc	tggctgtggt	gtgcttcacc	540
catagttcca	gctactcggg	aagctgagca	ntaagatcac	ttgagcccan	gaggccnatg	600
cttncantga	actgtgattg	tttccantac	agnccacctg	ggtgacanag	taaaanaaaan	660
gaaacattac	ataatttggc	tagagcataa	taaattgatt	tctgggttnt	gaaattnnag	720
ttgccataaa	aggnntttna	atgnngcnant	tcant			755

<210> 3185

<211> 1009

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1009)

<223> n = A,T,C or G

<400> 3185

agcntttttt	ngaanttccc	ctttntttna	aaaateccct	tttttgccaa	aaaattnccc	60
ccntntntna	nngtttttnn	gatncccaca	tncngnaatn	tncgggcncg	ggnnactgnc	120
nannggcnc	cttcgggggn	ccngtgntaa	gncnatnctt	gtntntanaa	agntggnnnt	180
nttttnegat	ngngactatt	gncnacnctc	ttcctntttg	gcagngngtc	tgganggttg	240
nggtngctca	tntggntaan	ccnatcctgg	ngaccaanng	gccngggtgn	gcntgcaagc	300
tttgncacn	tgggaaancc	gnnagtggtn	gtctcanttg	cntgntgggn	ncntgncccc	360
atcttgnetg	ctgnancctt	ggggagcagg	nnctnggtng	tggtnctgcc	tgcttgctgc	420
tngttccccg	ggcatgcgtn	nncannaagg	gncatgcntn	gggcaanaag	gtgcgtggnc	480

ancgttngna	tnnnnaggac	caccntgggt	cgngaatcnn	tgggttncct	gataggaacc	540
ntnaannct	gcngntttta	ttaaattggga	nnananggggt	ncanttcaaa	gccagtnnaa	600
tgcccttatg	gaangngtg	natnacatan	cnnntatgt	gtcntanann	angaaatcgt	660
tnnncaaatt	tnnacaanaa	tntttntaan	aaagggatt	tnantntngg	tgaaanaaca	720
angntttaaa	gtnaaatgnt	tntancanaa	ttaantaaac	nggtnttnat	gattnccttac	780
naaantaacn	atncnnaagc	atttacngct	tanangtccn	cnngataactn	ncanaatatg	840
gnnnnaattn	tannanattg	cgataatctn	gnananactn	tcatnnnnna	tngtgtaatc	900
antanntacn	tgattttnnt	naaatgaaaa	catntgatnc	aagattaatn	cattanntat	960
acnaaaatnt	tcanatanta	natntacata	taatggtttc	naataaacn		1009

<210> 3186

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (840)

<223> n = A,T,C or G

<400> 3186

cggatnncgt	nagganngat	ngtagnancn	tcgctcnccc	tntgagnaag	ggngngcgaa	60
ntcggcacga	ggaccaggt	agaccagctc	annagnnntt	tttctttgtc	atcctcctgt	120
gagctctctg	naagtctctt	tcttgcccat	caccacatcc	ctagtactgg	gtatcagtct	180
ggccacttgg	ctttctggtt	tgccccaatg	tggnctatct	ttgatgcagc	taccaaagta	240
atgttttaaa	accatnatac	caagttacta	tccttgcaaa	acccccagta	actgccaatc	300
tcacttagaa	taaaatccgg	actcctgtga	agcacacata	actggggccac	tgntctatgca	360
gcaacctcat	ctttaccgtt	tcctgccttg	ctcactccct	ttcaagcgcc	gntattcttc	420
ctgatgccct	agtacacaac	aactccttct	gcttcaaaga	gtangaaaat	tactggntct	480
tctgccagtg	agantccnct	tctggntatta	cccttgctnc	aattgctgaa	acttctncaa	540
atatcaacct	tctaaaaaag	agccctttta	aaaacaccct	tttctaatat	ggccctact	600
caaatttcca	agtcccttg	naattggggc	caatttcccc	caactttcaa	taagcaacct	660
taaatgggct	aatcctggaa	aattnaccct	cctaaaaang	gngcaancct	ttnaatggaa	720
nngggtaagg	gccaaanttn	aattnggncc	tntngngnna	cctggggnaa	anggncccta	780
ggaaggaaac	ccaagccaan	cttgggggct	caaaaaannt	anggggcaac	cttcnaaana	840

<210> 3187

<211> 739

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (739)

<223> n = A,T,C or G

<400> 3187

gcgntnttat	tagcgtgggc	tcgntctctc	tcnacncanc	nngngctggg	cgaattcggt	60
acgagaatca	gaggaggctt	cttcacacct	caactccatg	atgaactcct	atatgaagtg	120
gcagaagaag	atgttggtca	ggtagctcag	attgtcaaga	atgaaatgga	aagtgtgtga	180
aaactgtctg	tgaaattgaa	agtgaagtg	aaaataggcg	ccagctgggg	agagctaaag	240
gactttgatg	tgtaactgtg	ctgttgatga	agtcctccca	gggaagcctg	tgcatatgca	300
gtcacctgga	agaacagag	attccctttc	acctacctca	gcaaaaacaa	ctttcaagtc	360
ttgatagact	tagcctagta	attttatagt	gagagtttca	aactatatat	caagtgtcta	420
tagcatcaaa	aacttctggg	ggcgtggggg	aaagtagaat	accaagtata	atagttacat	480
tcactttcaa	agagcatcta	tgaatttgcc	ttttgtaact	tactgtggct	ttaaacatat	540

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (765)
<223> n = A,T,C or G

<400> 3179

gttgaantcc	ttccttttcaa	atngcttggc	tactcgntct	ntntgcagga	tcccatcgat	60
tcgaattcgg	cacgagccca	catgtaccag	gttgagtttg	aagatggatc	ccagatagca	120
atgaagagag	aggacatcta	cacttttagat	gaagagttac	ccaagagagt	gaaagctcga	180
ttttccacag	cctctgacat	gcgatttgaa	gacacgtttt	atggagcaga	cattatccaa	240
ggggagagaa	agagacaaaag	agtgctgagc	tccagggttta	agaatgaata	tgtggccgac	300
cctgtatacc	gcactttttt	gaagagctct	ttccagaaga	agtgccagaa	gagacagtag	360
tetgcataca	tcgctgcagg	ccacagagca	gcttgggttg	gaagagagaa	gatgaaggga	420
catecttggg	gctgtgccgt	gagttttgct	ggcatangtg	acaggggtgtg	tctctgacag	480
tggtaaatcg	ggtttccaga	gtttggtcac	caaaaataca	aaatacaccc	aatgaattgg	540
acgcagcaat	ctgaaatcat	ctctagtctt	gctttccttg	tgagcagttg	tctttctatg	600
atcccccagg	aagtttttct	aaagtnaaaa	ggaaaattcc	tagtggaatt	canccccaga	660
gggaaaaaag	cccacttgnc	cacannagga	agccnggntn	ccccttngtt	ccggcttaan	720
ggcccccttg	tcaggaaacc	acactggggg	ancttntttt	ttttt		765

<210> 3180
<211> 783
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (783)
<223> n = A,T,C or G

<400> 3180

agttgaantn	cttgctacnn	aaaacctttg	gcnaactngct	ctttntgnag	gatcccatcg	60
attcgcaaag	atggctcgtat	tactaaaggt	gaataaccag	cgcggnnngc	acgtggagtc	120
actggaacat	ttgtgcaatg	ctgggtgggaa	tgtcaaccgc	tgcggccctc	tggaataagc	180
ctggcagctc	ctccaagagt	taccgngtga	cccancaatt	ccactcctag	ctccaccac	240
aggaattgaa	agcaaanacg	caaacagatg	cctgtncacc	aaagttcacg	gcagcatnct	300
tcgncatagt	ggcagcatcc	gtcgtcacag	cggcacatc	cttcatcata	gcggcagcat	360
ccgtcgtcac	aagcggcagc	atccttcgcc	acagnggcan	gcatctgtcg	tcacancggn	420
agcatccttc	gacaaaagcg	cagcatnctt	cgtnatagcn	gcagcatcct	ttgccatanc	480
cggcaagggtg	gaaaccctgt	ccatccactg	aggcgtgcat	agactaaaca	tgggcagtcc	540
agcactggaa	ttccaagccg	tacaacggng	nccacngtca	aaaangaatg	aggaccctga	600
ngcacctgng	cnganaacaa	gaacnngcga	nnccaanact	tttnagacat	tattgcctta	660
agtngaaaaa	cccagngcac	caacgggaaa	ccngaccgnc	ntgnanccct	gnttaacntt	720
nantnngttn	cccgaataatg	ggggcacntt	nccaaaaagg	ggaataaaaag	gggagaattn	780
cct						783

<210> 3181
<211> 760
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 3181

gntttgaaat	nccnttnntt	caaatnctng	gctacttggt	ctttttgcag	gatcccatcg	60
attcgaattc	ggcacgagna	atgcaaaggg	ctgcagttct	cattcaggct	actttcagga	120
tgcacagaac	atatattaca	tttcagactt	ggaaacatgc	ttcaattcta	attcagcaac	180
attatcgaac	atatagagct	gcaaaattgc	aaagagaaaa	ttatatcaga	caatggcatt	240
ctgctgtggt	tattcaggct	gcatataaag	gaatgaaagc	aagacaactt	ttaagggaaa	300
aacacaaagc	ttctattgta	atacaaggca	cctacagaat	gtataggcag	tattgtttct	360
acaaaaagct	tcagtgggct	acaaaaatca	tacaagaaaa	atatagagca	aataaaaaaga	420
aacagaaagt	atttcaacac	aatgaactta	agaaagagac	ttgtgttcag	gcagggttttc	480
aggacatgaa	cataaaaaaa	cagattcagg	aacagcacca	ggctgccatt	attattcaga	540
agcattgtaa	agcctttaa	ataaggaagc	attatctcca	cattagagca	acagtagttt	600
ctattcaaag	aagatacaga	aaactaactg	cagtgcgtcc	ccaacaagtt	atttgtatac	660
agtcttatta	cagangcttt	aaagttccaa	aaggatattc	aaaaatatgc	caccgggctt	720
gccacactta	attcagncat	tctatcnaat	gccccagggc			760

<210> 3182

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 3182

ggnnntnnna	gnntttgaan	tccctttntt	tctaactncta	ggcttctngt	tctttttgca	60
ggatcccatc	gattcgctca	gctgaggcaa	ttaaactgga	aaagaaatag	attgaaaaga	120
tactacagaa	gaagcagtag	agaagttggg	ggactgaagg	agagggagcc	actgcagggtg	180
ctagctgctt	aaggggatac	cagtcctttt	acagatataa	tagatacagc	ttctgagggtg	240
gaggggtgata	ggagtgtgta	gagaaattgc	agttcagaac	tggagcatgc	agttaggcaa	300
gaggcatccc	atgtgaagat	gtcaagcaag	tactggaaaa	tgctgaacta	aaactcaggg	360
atggatatgt	agatttagag	aacttcattg	tagaggcagt	cattgaaagc	taaaagggct	420
gataataaaa	ttgccaaagga	tggaaatagt	aagagggagt	cagtgttatt	aggattagaa	480
ttctgttttg	ttttttcttt	aaacagattc	tcgctctgtc	accctggctg	gagtgaagtg	540
gtgtgatctc	ggctcactgc	ggcctcgacc	tcccaggctc	aagttatcct	cccaactctc	600
agccttccaa	gtagctggga	ccacagccat	tcaaacacat	gcctgcctta	tgtttgatt	660
tttttgtana	aaccaagggt	ttgccatgtt	tnccaggctg	gnctnngaac	ttctgggctt	720
aagccattcc	cccacccttg	ggtctcccaa	aatgctngcc	attatangg		769

<210> 3183

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3183

tgnttttaaat	cnttctaata	cttggtcttt	gttctttttg	caggatccct	cgattcgaat	60
tcggcacgag	gtccgaagaa	aaagactgtg	gtggcggaga	tgctctctcc	aatggcatca	120

aaagaagctg	caaggtggat	ggatgaggcc	caggccttgg	acacagcaga	cagatttatc	420
aactccaaat	gtgcaaaata	catgctaaaa	gccaacctga	ttaaagaagc	tgaagaaatg	480
tgctcaaagt	ttacaaggga	aggaacatca	gcggtagaga	atttgaatga	aatgcagtgc	540
atgtggttcc	aaacagaatg	tgcccaggct	tataaagcaa	tgaataaatt	tggtgaagca	600
cttaagaaat	gtcatgagat	tgagagacat	tttataggaa	atcactgatg	accagtttga	660
ctttcataca	tactggatga	aggaagatta	cccttagatc	atatgtggac	ttattnaaac	720
tatgaagatg	tacttttnaca	gcatncattt	tacttcaagg	cagcaagaat	tgctttttaga	780
c						781

<210> 3175

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 3175

gnttttnnatn	cctcttttcta	atnncttggc	tactcgntct	ntctgnanga	tcccatcgat	60
tcgaattcgg	cacgagagat	tatgagcatg	tagaagatga	aacttttcct	cctttccac	120
ctccagcctc	tccagagaga	caagatgggtg	aaggaactga	gcctgatgaa	gagtcaggaa	180
atggagcacc	tggttcctgta	cctcccgccg	ccgaacagtt	aaaagaaata	tacccaagct	240
ggatgctcag	agattaattt	cagagagagg	acttccagcc	ttaaggcatg	tatttgataa	300
ggcaaaattc	aaaggtaaag	gtcatgaggc	tgaagacttg	aagatgctaa	tcagacacat	360
ggagcactgg	gcacataggc	tattccctaa	actgcagttt	gaggatttta	ttgacagagt	420
tgaataacctg	ggaagtaaaa	aggaagtcca	nacctgttta	aaacgaattc	gacttgatct	480
ccctatttta	catgaagatt	tttgtttagca	ataatgatga	agttgcggag	aataatgaac	540
atgatgtcnc	ttctactgaa	ttagatccct	ttctgacaaa	cttatctgaa	agtgagatgt	600
ttgcttcttg	agttaagtag	aagcctaaca	gaaggagcca	accacaaaga	attgagagaa	660
atnaacaact	gggccttngg	aaagaaangc	nggccaagct	gcttgagtaa	tagtcaganc	720
ctanggaaat	gatntgggta	atgaattcac	cccaggncac	accngttga	agagc	775

<210> 3176

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(754)

<223> n = A,T,C or G

<400> 3176

tgnttcta	gctngctctc	gttctttctg	caggatoccca	tctattcgaa	ttgatgagcc	60
ttattaacta	tcttttcatt	atgagacaaa	ggttctgatt	atgcctactg	gttgaaattt	120
tttaatctag	tcaagaagga	aaatttgatg	aggaagggaag	gaatggatat	cttcagaagg	180
gcttcgccta	agctggaaca	tgatagatt	ccattctaac	ataaagatct	ttaagttcaa	240
atatagatga	gttgactggg	agatttggtg	gtagttgctt	tctcgggata	taagaagcaa	300
aatcaactgc	tacaagtaaa	gaggggatgg	ggaagggtgtt	gcacatttaa	agagagaaag	360
tgtgaaaaag	cctaattgtg	ggaatgcaca	ggtttcacca	gatcagatga	tgtctgggta	420
ttctgtaaat	tatagtttct	tatcccagaa	attactgcct	tcaccatccc	taatatcttc	480
taattgggat	catataatga	cccactcttt	cttatgttat	ccaaacagtt	atgtggcatt	540
tagtaatggg	aatgtacatg	ggaatttccc	actgacttac	ctttctgtcc	ttgggaagct	600
taaactctga	atcttctcat	ctgttnaaat	gtgnattaaa	gtatctacct	aactgagtng	660

tgantgtant gaaagaaagg ncatatntta aacnttgaat ttancaagcc cacnctcgna 720
 ttttatgncc tttcttttgc ctngggattg aanc 754

<210> 3177
 <211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (743)
 <223> n = A,T,C or G

<400> 3177
 tannnnntnc tntannnttt ctgangccct tntgcaggat cccatcgatt cgaattcggc 60
 acgaggagat ctctgggatg tcagtggaggc tgggtgaaga ccagaggtaa actgcagagg 120
 tcaccacccc caccatgtcc caggtgatgt ccagccact gctggcagga ggccatgctg 180
 tcagcttggc gccttgtgat gagcccagga ggaccctgca cccagcacc agccccagcc 240
 tgccaccca gtgttcttac tacaccacgg aaggctgggg agcccaggcc ctgatggccc 300
 ccgtgccctg catggggccc cctggccgac tccagcaagc cccacagggtg gaggccaaag 360
 ccacctgctt cctgccgtcc cctggtgaga aggccttggg gaccccagag gaccttgact 420
 cctacattga cttctcactg gagagcctca atcagatgat cctggaactg gacccacct 480
 tccaactgct tccccangg actgggggct cccangctga nctggcccag agcaccatgt 540
 caatgagaaa gaaggaggaa tctgaacctt gggtaaggat ttggggcaca gtaccaggaa 600
 gggggccttg tgccagacct tatgaggaag aaggatttct ctatgtacag agaangggac 660
 cctgtntctgt tgggaagtgc ttgtgcaaac ctaaccaagt tactaaccct tctgntttct 720
 gtgctacaca aaggggataa att 743

<210> 3178
 <211> 786
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (786)
 <223> n = A,T,C or G

<400> 3178
 gatgtttnnn annctgggtc taatncttgg aaanctncnn ctttgttann ngcnntttct 60
 gcaggatccc atcgattcga attcggcacg agcccagctg gacctggtgg ccctttccta 120
 gtgcctctgc tgggggagga gaacctctgt ccacgtggag gctaggaggt ctcagggtgct 180
 gccctggcag caccagagtg tgggcccggc ccgagtgtct gccctcggc cctcagggtg 240
 gggcacttag caccagaag ggacaaaag cagggcatgg cgggtgcagag gagtttggga 300
 ggtgtaaaca gccccatgca cgtggaggag gagctggctt tcagccccag accccacgct 360
 agcactttcc acgtgcttg cccgctgttg atgtgcagtt cccagtgcct gtgtgagccg 420
 acactgctc agtccatcc ctgcgcagcg tgtggagacc cagctcctgc aagcccttct 480
 gcttccacgc cccagacag cttggtggag ggtcctgcat ctgggccaag ctggggtgca 540
 cccagccaaa gacaaagctg ccttcacgtg cccaaaggat tcaagatggt gcactggccc 600
 cgggaggagt cttgacaaa aatggggagcc cgctcttgtg gggaaanccc cgacttcccc 660
 caccnanaaa ccgntccac ggtgccggan cttccccctt ttcctttgtg ggggcaacaa 720
 nattggcctt gggcncttct aattnttncg gaagctttcc tgggtgtngg cttttgacct 780
 taaaat 786

<210> 3179
 <211> 765

<223> n = A,T,C or G

<400> 3170

gaantccttn	nnttttnaaat	cnttggtac	ttgttctttt	tgcaggatcc	catcgattcg	60
aattcggcac	gatctagata	ttgcccac	gctgccac	gtgcacatac	ctttccacca	120
gtcacatgtg	agagggcaga	ttttccaaat	gctcatcacc	acttggcact	gtgtggacta	180
taattttggc	cagttaggaa	atggcatctc	attgttttca	tcttaatttg	cgtcagcctg	240
attactcatt	gaaacttgtg	aggttgagaa	acttttctta	agcttatttg	ccattcaagt	300
ttctctcttt	atgaaatggg	tggtcatgtc	atttgctcat	ttttatatta	gattgttttt	360
cttttttcca	gctgacttgt	aggaactcta	catcttatca	atattaatca	tttatcgaaa	420
actatttggg	tgccattatc	ttctcctagt	caatgttttt	tgtttgtgat	atcttttata	480
atatataagt	ttttaatggt	ggcagaagta	aagttaatct	ttttggctgt	gttgtgtgtc	540
ttgtttgatg	taaagatagt	ttctgtaata	gttttgca	ttgattgggc	atcttttaggt	600
cttcaattac	aacctgcaca	ttcatccctc	tatctctttt	cttactctgg	ttttctccat	660
agcacttatc	atccaataat	atggcatgca	cttattttaat	ctggtttgca	tatatatttt	720
ngctggtacg						730

<210> 3171

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 3171

nggnttcnnt	ctaactnaaa	cngttnggna	actcncctct	ntctgtngat	cccatcgatt	60
cgctaacaag	cgattctaaa	ccacctatga	gtatttcttt	tagggctcac	ttaaatacat	120
gtttgtatat	actgtattct	agccagaata	atttttagatc	tgatcaggta	gtagctaaaa	180
ttagaaaaaa	acaaaataga	tgcttaaaga	atttgcaccc	atttttgagt	ctaaatcttt	240
taaaatatac	tgagatccac	atctagttaa	atgtcagtg	caaaatatta	tagattatag	300
ctaaaatcca	gattaatact	catttggggg	tttttatagt	ggaacttcat	agtaatacaa	360
aaagcagatt	gtcttctgt	ctccgtgct	cccacagtag	gtattgaaac	tggtaaaatc	420
agttttttga	tagtgtgtgt	atataagaaa	aaatagatac	acacattctt	ttttctcagt	480
caacacattg	attgaacact	ctggcaaaga	tgctgtgggt	gatgangttg	gagttcgaaa	540
agaagaagca	agcgtggcc	tgcttgaaa	gaaccggaaa	gtctttccca	ttcacttctc	600
tagaaagctg	ccaagacaga	ngcagaaagg	aaatggatga	tagttctgtc	aagcacactt	660
ctgntctcnt	agaacttaga	aatgggtcta	agagaacaga	agttatngag	aacagttcnt	720
gtggaattca	acatcttggg	tgggacncat	tggtctt			757

<210> 3172

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 3172

cnaatncttg	ctcttgnctt	ntttcnaatn	cttggcnact	cgctttctnt	gcggatccct	60
cnnganncna	tcgttcgaat	tcggcacgag	cacaaggaga	agaaagttaa	ttacattga	120
aagatgagaa	gacatcttgg	aagacttgaa	ttgggccttg	gaagaagaac	agccattcaa	180

atagatagaa	ttgtggtagc	aaaggcatac	ngntcggaaa	gtatagatct	ccagggacag	240
tagtcatggg	gttggggcac	tggttgaatt	taagggttga	aggatatatt	ggagcccctt	300
gaatacggta	acaaggcaca	ccttgggcag	tggagagtta	tcagagtgtt	tgaaaaggag	360
ggttattgag	taaataaata	gactggtact	ttaggaattt	taaaatgtgg	atcattgtac	420
tactaataac	tatntathtt	atatttacta	tctactaagt	aattttacatg	tattttcttg	480
tactgactgt	aaaccttctg	gggtgtgggtg	ttttaagtgc	catttttactg	ataaagaaac	540
tgangcttaa	atagntgaaa	tanntcaccc	tgttagttag	tggcacaatg	acaagtcann	600
atcttanggt	tgccnanntc	caaaaanncat	ttaaanttnn	agnatnattg	annnttttnc	660
cttatggcnt	nnnaaatttg	gggagccatt	attgaaatcc	nttacnacnt	angaattgnc	720
caaaaaaat	acttttttggg	gaaaactgga	tttattaatt	atccaaaata	atttnantgg	780
cttgnttggc	ttntttccac	tntnc				805

<210> 3173

<211> 886

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (886)

<223> n = A, T, C or G

<400> 3173

cggnnnnnnn	gnagcccntt	tggnaaangc	ctctaaggga	aangcctttt	tgaaaacnan	60
angaaaacct	ntgggaaaag	nccncannna	ttttngngaa	annggcnnga	gcnnanantn	120
ggacacngtt	ntaannnnan	nagngnnngt	tttnnganan	agggnnnnna	gnggnannna	180
ngngnnggag	ggaannaagg	nanagnannn	ggnagnnaag	gnnnnaaaga	agnagnnang	240
gaganggnnn	gngngggggc	atgangnggg	nncagaggga	cgaggagccc	aagaccatca	300
cngangagna	ngagcagggg	accnacatnn	acnnggacna	cgagaagngg	ggccagcgga	360
agaaggaagg	nagnacctng	agnaccgnta	ccaggaggan	cgggaccnac	agngacanag	420
gnccnnnncn	anacggannn	nanaaacgng	aagcaggann	nnnanggacc	aagggaaggg	480
nncnngnncn	gaaaaganng	ggaggagagn	ncgaaggcaa	aggggggann	cgnnannncc	540
aggaagnang	gaaggggggn	cgggagggna	annganaaga	ngaaccnngg	gggnncaggg	600
gggcgagggn	agcanaannn	nnccnnagnc	aanngaaggg	gananaagag	ngggaaaann	660
aannagaaag	agggaaaana	agnnaaggaa	anaaaagang	ngnnaannng	gganaaaaana	720
ngngganann	gnngganana	ngngnannan	aaaanngagg	aggncanngg	gnaaanaana	780
nggggagggg	nganananag	ngaannagac	aaggaanagn	gaannagnng	anagnannng	840
gnannaaagg	nannggggna	anaagnanna	nannnnnagn	gaagan		886

<210> 3174

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (781)

<223> n = A, T, C or G

<400> 3174

gcttttnann	nccctncttt	cnaancctct	tcaaatcctt	ggntatcggt	ctntctgnng	60
gatcccatcg	attcgaattc	ggcacgagag	acaaagaaaa	aggtggcaat	catagaagag	120
ttagtagtag	gttatgaaac	ctctctaaaa	agctgccggt	tatttaaccc	caatgatgat	180
ggaaaggagg	aaccaccaac	cacattactt	tgggtccnnt	nctacttggc	acaacattat	240
gacaaaattg	gtcagccatc	tattgctttg	gagtacataa	atactgctat	tgaaagtaca	300
cctacattaa	tagaactctt	tctcgtgaaa	gctaaaatct	ataagcatgc	tggaaatatt	360

nctatnatgc	cctactcatt	tccagtcctt	gaaanggcc	ttcccacttn	antannactt	660
attgctaach	tgaaatacac	taaagtgnan	ccttcatgaa	nggtanggca	anttaaagtc	720
nttngcactg	gnnaggcnaa	gagaacaagc	ancntggntt	canaagn		767

<210> 3166

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(767)

<223> n = A,T,C or G

<400> 3166

gcgttctttg	aaagccctnt	tttgaaaggg	ttgcttctaa	ttacgggaaa	cctttgcaac	60
tgcagatccc	atcgattcga	attcggcacg	aggacccagg	tagaccagct	caagagttca	120
tggtctttgt	natcctcctg	tgagctctct	gtaagtcnnt	ttcttgccca	tcaccacatc	180
cctagtactg	ggtatcagtc	tggccacttg	gctttctggt	ttgcccacat	gtggtctatt	240
cttgatgcag	ctaccaaagt	aatgttttaa	aaccattata	ccaagttact	atccttgcca	300
aaacccccag	taactgccaa	tctcacttag	aataaaatcc	ggactcctgt	gaagcacagc	360
ataaactggc	cactgcctat	gcagcaacct	catctttacc	gnttcctgcc	ttgctcactc	420
ccttccagcg	ccgttattct	tcctgatgcc	cctagtacac	aacaactcct	tcctgctcca	480
agagtaggaa	aattactggg	ctctctgcca	gngagaancc	tcttctggna	ttacctttgc	540
ttcattgcng	aatcttctnc	aatatcatct	tctaaaaaga	gcctttttaa	aatcaccttt	600
nctatnatgc	cctactcatt	tccagtcctt	gaaanggcc	ttcccacttn	antannactt	660
attgctaach	tgaaatacac	taaagtgnan	ccttcatgaa	nggtanggca	anttaaagtc	720
nttngcactg	gnnaggcnaa	gagaacaagc	ancntggntt	canaagn		767

<210> 3167

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(767)

<223> n = A,T,C or G

<400> 3167

gcgttctttg	aaagccctnt	tttgaaaggg	ttgcttctaa	ttacgggaaa	cctttgcaac	60
tgcagatccc	atcgattcga	attcggcacg	aggacccagg	tagaccagct	caagagttca	120
tggtctttgt	natcctcctg	tgagctctct	gtaagtcnnt	ttcttgccca	tcaccacatc	180
cctagtactg	ggtatcagtc	tggccacttg	gctttctggt	ttgcccacat	gtggtctatt	240
cttgatgcag	ctaccaaagt	aatgttttaa	aaccattata	ccaagttact	atccttgcca	300
aaacccccag	taactgccaa	tctcacttag	aataaaatcc	ggactcctgt	gaagcacagc	360
ataaactggc	cactgcctat	gcagcaacct	catctttacc	gnttcctgcc	ttgctcactc	420
ccttccagcg	ccgttattct	tcctgatgcc	cctagtacac	aacaactcct	tcctgctcca	480
agagtaggaa	aattactggg	ctctctgcca	gngagaancc	tcttctggna	ttacctttgc	540
ttcattgcng	aatcttctnc	aatatcatct	tctaaaaaga	gcctttttaa	aatcaccttt	600
nctatnatgc	cctactcatt	tccagtcctt	gaaanggcc	ttcccacttn	antannactt	660
attgctaach	tgaaatacac	taaagtgnan	ccttcatgaa	nggtanggca	anttaaagtc	720
nttngcactg	gnnaggcnaa	gagaacaagc	ancntggntt	canaagn		767

<210> 3168

<211> 754

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(754)
<223> n = A,T,C or G

<400> 3168

tttggagntc	tttcttttcta	atncttggct	actngntctt	tntgcaggat	cccatcgatt	60
cgaattcggc	acgagcggac	ccatcggagc	gtaacctgga	tctccgcagg	cctggcggag	120
gccggccacc	tggaggggca	ttgcttgggt	cgcgtagtag	cagaggagct	tgagaatgtt	180
cgcatcttac	cacatacagt	tctttacatg	gctgattcag	aaactttcat	tagtctggaa	240
gagtgtcgtg	gccataagag	agcaaggaaa	agaactagta	tggaaacagc	acttgcctt	300
gagaagctat	tccccaaaca	atgccaaagt	cttgggattg	tgacccagg	aattgtagt	360
actccaatgg	gatcaggtag	caatcgacct	catgaaatag	aaattggaga	atctggtttt	420
gctttattat	tccctcaa	tgaaggaatn	aaaatacaac	cctttcattt	tattaaggat	480
ccaaagaatt	taacattaga	aagacatcaa	cttcaactgaa	gtaggtcttt	tagataaccc	540
ctgaacttcg	tgtggtcctt	tgtctttggg	tataaatgct	gtaaggtggg	agccantaat	600
tntctgcaan	aagtangnca	gcacttttca	gtgatttgaa	tatcatcttg	gcttngangc	660
cangtggaca	acctgtcat	aactgacttc	tgaagaagaa	cctntngata	tttgatgcct	720
cnggtgtngg	tggaaactgtc	atttantngg	anna			754

<210> 3169
<211> 734
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(734)
<223> n = A,T,C or G

<400> 3169

tctgnnctnt	gtntccttgc	tctgtgttctt	ttgcaggatc	cctcgattcg	aattcggcac	60
gaggactgga	gaagtcagaa	gtagaaaaagc	agattgctag	gagagacagg	atgacagatt	120
ttggtcagaa	aatgggatat	tggagttaa	agtatcaa	acagaatagt	tccagatgtt	180
cagagatcca	gcatgggatt	aggtactgaa	atggattaga	actaaaagtc	actagaattt	240
agaaattgag	aaccatgaga	gtggatgcaa	tgacttgttg	cttgattgaa	aaataaatta	300
ataataataa	aggaccatga	gactagcctg	ttataggggt	tatctccatg	aacattgaat	360
tttcccagga	tcatagcagg	aattgggtag	agaaaaagat	tatgagaagg	tgccagagtc	420
ttcagtgaat	gtcaggaaat	taccaggaag	tcagcatatg	acagagaaaa	ggacagtatg	480
ttatctgcat	caaaggaaaa	tgtgcttttg	ttgaaaagta	cagaaaaagc	caatactaca	540
atactgtgct	aagcccctac	ctgtactcct	ctcccacagc	tgcatccag	ccctgtggta	600
taaaagggtg	gagaatgagc	ttttccacca	gaatcagcag	gtttagttaa	agcatgagca	660
gaacaagcat	nctatgaaga	gactgaggat	gtaggtgagt	ggtctaaatc	tcatnnaagg	720
acattgcagt	ngat					734

<210> 3170
<211> 730
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(730)

gagacactgt	cccaactccat	cacccaggct	ggagtccagt	ggtgtgatca	tagctcgctg	120
catcctccag	ttcctggggt	caagccatcc	ctcctgcctc	agcctcccca	gtagctggaa	180
ctacagggtg	gtgccatcac	acctggcttt	acatttttct	gtgggggtctt	actatgttgc	240
ccaggccggt	ctcaaaactcc	tgagctcaag	tgatcctctg	nctcagcctc	cagagtatct	300
gggattacat	atgtcggcta	ccgtgtctgg	ccgttcacat	ctttggccac	tattngcttg	360
tgaaaaggta	tnatgagggtg	gtacttatca	tngttactgt	gtctcatgtt	nngtatattt	420
ttgcttcac	aactaagatg	cactgtaaca	tctgtgaaat	ctggatata	tatcaaangg	480
tttatcatag	ttttgttaac	aatacactgt	cgttttactn	ggtgcctaan	ataatggtat	540
agttgngagg	tgatcttaga	tttgatgaag	cacagtatgc	aangtaggcc	taatggnggg	600
aaagaatggg	naattttcan	angcnnggaa	gtatttgnntn	ttttgtaaat	ggacttgaaa	660
agcttgttct	gnnggattgg	acccaacccc	tttccctttn	aaaccccgaa	ttctnatnga	720
ctnttccaac	ttngaaaact	ttgctcnaac	ttaaatacct	ttnaaaaatt	aaccntgacc	780
ccg						783

<210> 3162
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

ntntttgaat	ctttgaaata	cctttgctat	ngttctttnt	gcaggatccc	atcgattcga	60
attcggcacg	agaggttgct	cacctgaagg	agcacaggag	ggttttccag	gccatgtggc	120
tcagcttcct	caagcacaag	ctgcccctca	gcctctacaa	gaagggtgctg	ctgattgtgc	180
atgacgccat	cctgccgcag	ctggcgcagc	ccacgctcat	gatcgacttc	ctcaccgcg	240
cctgcgacct	cggggggggc	ctcagcctct	tggccttgaa	cgggctgttc	atcttgatc	300
acaaacacaa	cctggagtac	cctgacttct	accggaagct	ctacggcctc	ttggaccctt	360
ctgtctttca	cgtcaagtac	cgcgcccgt	tcttccacct	ggctgacctc	ttcctgtcct	420
cctcccactn	cccgcctacc	tgggtggccgc	cttcgccaag	cggctggccc	gcctggccct	480
gacggctccc	cctgaggccc	tgctcatggt	cctgccttct	atctgtaacc	tgctgcgccg	540
gcacctgccc	tgccgggtcc	ttgtgcaccg	tccacacggg	cctgagtttg	gacgccgacc	600
cctacgaccc	tggagaggag	gacccagccc	aagacccggg	ccttttgaaa	acttccctgt	660
gggaagcttt	aagnnccctc	nanangccac	ttacccaacc	ttgaggggnt	ccaaangccc	720
gccanccggt	nattaaccaa	ggccctggnc	aatgcctgaa	ggtcaaacaa	tn	772

<210> 3163
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(759)
 <223> n = A,T,C or G

tcnnncnctt	ttcgatcttt	tgagncttgc	ctttgaaccc	cttggntacg	anttcggcac	60
gagggaaacca	tganancna	gagctagaat	tgctattgga	tnnccgtctat	tctctntttg	120
cttattgggn	cgngntncgt	ggttnctggc	ctcangggtn	nncccgaaang	anggggtatc	180
tnngagcnan	ttntgcnnnt	tacnggctag	cttgntgggg	gcttaanntg	ccactnttan	240
acatgctnta	ctantcantg	agannntncn	ntcgaccatn	tannacnatn	ctgtgnnttc	300
cngtacnctn	tggccgnatg	gagctattag	cttcaanatg	nnccgnantg	ttacatgcan	360

ncaactgannt	nactatccan	natntaagtn	ctcttngctt	actgtgaaca	nnngctactn	420
ncttgatata	tatagnaagg	ntcnttgata	cncgatnato	ntnontgtca	gatchataaa	480
tancanctat	accnactgtn	naaatnccat	ctggnggnet	tncnatccan	acataattgc	540
attannncgt	cnaattgnga	tanagtnttg	aaagantctn	ggtttagacn	ttggatgttg	600
caatgnttgt	gncttanaaa	ttatgtgctg	gctactgant	aanctggggg	catgacntta	660
ctggnttgac	ctaagnggng	aantcnatgg	tccgattgct	ggnccctanc	cttaagnttt	720
gccatgaata	ggnccttttg	cctaaaaata	naccctttt			759

<210> 3164

<211> 853

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (853)

<223> n = A,T,C or G

<400> 3164

ttttggancc	nttctttgan	nettttctaat	gctgggntac	tcgntctctc	tgcaggntcc	60
catcgattcg	aattcggcnc	gaggatcagc	ccacctcggc	ctcncaaagt	gctgggatta	120
caggcgtgag	ccaccttgcc	cagcccatat	catacagttt	gaaatgaaac	tttgccacaa	180
ccagcctttg	ctgtagcaca	cacatatatc	actgaacctg	tttgaaataa	agtttttttt	240
ctttntectc	tgggtattctg	gggtctgaag	tctgggtattc	tgggtattctg	ggttcaaaag	300
tatgacttga	gagtgttgct	ctgggtattct	gagagttgct	ctgtattctg	ggttctgaag	360
attatttgaa	aaataaactcc	tactacattg	aaatgcagac	ttaaaaattt	aaacattgga	420
ttangcagtc	aaaaaaacca	agcaagcata	aaaggtcaat	aagttgtaat	cttgatagta	480
aaggtggaaa	acttattata	aatggnaang	aaagttttat	ttcctttttt	gtttgaatgg	540
gcaagtatgc	catattatac	ccaaaagttc	ttttaaaaaa	atatttccca	ttcaacccat	600
ttttaattna	aaattaaaac	cattttgnaa	gggaaanttt	acccaanggc	aanccttttt	660
tttcctccaa	aaaggttnac	cntgttnatc	cttctttttt	ggnaaattta	nccaccaatt	720
tttttaaagg	ngggncaatg	gggnttaaaa	ntanccctgn	aagnnatttt	ttnanccttc	780
caggtttaaa	antccccttg	gatnggggtc	taacctgggn	gggtngnata	naaaaaaata	840
natcctnttt	anc					853

<210> 3165

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (767)

<223> n = A,T,C or G

<400> 3165

gcgttctttg	aaagccctnt	tttgaaaggc	ttgcttctaa	ttacgggaaa	cctttgcaac	60
tgcagatccc	atcgattcga	attcggcacg	aggaccacag	tagaccagct	caagagttca	120
tggttctttg	natcctcctg	tgagctctct	gtaagtcnnt	ttcttgccca	tcaccacatc	180
cctagtactg	ggatcagtc	tggccacttg	gctttctggg	ttgccccaat	gtgggtctatt	240
cttgatgcag	ctaccaaagt	aatgttttaa	aaccattata	ccaagttaact	atccttgtea	300
aaacccccag	taactgccaa	tctcacttag	aataaaaatcc	ggactcctgt	gaagcacagc	360
ataaaactgg	cactgcctat	gcagcaacct	catctttacc	gnttctctgc	ttgctcactc	420
ccttcacagc	ccgttattct	tcctgatgcc	cctagtacac	aacaactcct	tcctgctcca	480
agagtaggaa	aattactggg	ctctctgcc	gngagaancc	tcttctggna	ttacctttgc	540
ttcattgcng	aatcttctnc	aatatcatct	tctaaaaaga	gccttttaaa	aatcaccttt	600

<210> 3157
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 3157

ttnnnnnnct	ccnaatcctc	cngatnanat	cnctttgnan	ctncctgcag	gatcccatcg	60
attogaattc	ggcacgaggt	ccatacatgg	agctccctgg	agcccgtgtg	ntntcgtgtg	120
actgaacgtt	ttgtgatgaa	aggaggagag	gctgtctgcc	tttatgagga	gccagtgtct	180
gaattgctga	ggagatgtgg	gaattgcaca	cgggaaagct	gtgtgggttc	cttttacctt	240
tcagctgacc	atgaactcct	gagcccgacc	aactaccact	tcctgtcctc	accgaaggan	300
gcctnngggc	tctgcaaggc	gcanatcact	gccatcatct	ntcagcaagg	ngacntatat	360
gtnnntgacc	tnagacctc	agctgacnct	nccttngtan	ggttngatnt	nggaagcatc	420
ccaaggngat	ttagnacnn	tggantcctn	atnactgata	anacncnaac	tatantnttt	480
tacccttggn	agcccaccag	caagaatgag	ttggagcaat	cttttcatgt	gacctnctta	540
acanatatac	tctgaatgaa	tctacgttgt	atztatcagg	nggacaatgg	gaataaagcn	600
ttntaaagc	accnantgga	catgaaagca	acagacacna	ggagnnaagc	cttgagacat	660
gtctgnnttc	tgaccgcatn	ttgatccant	gntctgtgan	ganttnttca	ctgaacattt	720
tcaagaggag	ggtgnatacc	cctggcaatn	gccnaanaa	ag		762

<210> 3158
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 3158

tgntttcccn	ctnagatcct	ttctcacaac	cttgtantgc	tgcangatcc	catcgattcg	60
cgtctgtaat	cccagctgct	tgggaggctg	aggcaggaga	atcacttgaa	ccctggaggt	120
ggcgggttga	gtgagcacag	atcatgccac	tgcactccag	cctgggcaac	aaaacgagac	180
ttcgtctcaa	aaaaaaaaaa	catagaatth	ggatcccttg	gtcgggttct	cccaaattct	240
tttgagggtg	ccatggtcaa	ctgcttcagc	tttgtnttgg	caacccctg	ccgaanncg	300
catntaggtc	gctcttcacc	ttgtttccaa	ggctgangaa	cagaaagtag	cctntgtttt	360
gaggangtng	aagttnanta	tacatnnatt	ttntactgng	actngntcag	gaccacattt	420
tacaaaatgc	ctngtttcct	tcattgnntc	tggaaaggaa	agttctatta	atattgnttt	480
actntgaata	tanaatagtt	ttnantaatt	agggcttatt	tnnaaaaatt	ctgagctaatt	540
tcaaattgat	gccaatacct	tccaaagtaa	ggtaatatcc	anagacaagt	tgctgtnatc	600
anatggctta	nagaaaatct	ctggaatatt	cacattctaa	nattncttat	taatngaagt	660
tcctttgact	taaatctacc	aaaaaactgc	aacattantc	tttgncatnc	tcattatata	720
gngttaanaa	gcttatttca	nacnaataaa	atctn			755

<210> 3159
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

<400> 3159

ttcccccent	ttntnecctt	tgtctcatcc	ttngnccttt	tgcaggatcc	catcgattcg	60
egtctgtaat	cccagctgct	tgggaggctg	aggcaggaga	atcacttgaa	ccctggaggt	120
ggcggttgca	gtgagcacag	atcatgccac	tgcactccag	cctgggcaac	aaaacgagac	180
ttcgtctcaa	aaaaaaaaaa	catagaattt	ggatcctttg	gtcgggttct	cccaaattct	240
tttgaggtgt	ccatggtcaa	ctgcttcagc	tttgtttttg	caacccccctg	cccgaagtcg	300
catataggct	gttcttcacc	ttgtttccaa	ggctgaggaa	cagaaagtag	cctctgtttt	360
gaggaggtgg	aagttaagta	tacattttatt	ttttactgtg	acttgttcag	gaccacattt	420
tacaaaatgc	cttgtttcct	tcattgtttc	tggaaaggaa	agttctatta	atattgtttt	480
actttgaata	tagaatagtt	tttttaatta	gggcttattt	tgaaaaattc	tgagtttaat	540
tcaaagtgtat	gccaatacct	tccaaagtaa	ggtaatatcc	anagacagtt	gttgtgatca	600
gatggcttag	agaaatttct	ggaatattca	cattcgaaga	ttccttatta	atgaatgctt	660
tgacttaaat	ctaaccaaaa	actgcaacat	tattctttgt	acattttcat	tatatagtgg	720
taacaagctt	agttgcaaac	aatgaaata	ctt			753

<210> 3160

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 3160

ggnttttnnan	ncttttcta	ncttggttn	agttcttttg	caggatccca	tcgattcgaa	60
ttcggcacga	gagtaccag	agttgcgagg	agttttttta	ctgatttagc	cnnntggcaa	120
tcatgagtga	atggatgaag	aaaggccctt	tagaatggca	agattacatt	tacaaagagg	180
tccgagtgc	agccagtgc	aagaatgagt	ataaaggatg	ggtttttaact	acagaccag	240
tctctgccaa	tattgtcctt	gtgaacttcc	ttgaagatgg	cagcatgtct	gtgaccggaa	300
ttatgggaca	tgctgtgcag	actgttgaaa	ctatgaatga	aggggacccat	agagtgaggg	360
agaagctgat	gcatttggtc	acgtctggag	actgcaaagc	atacagccca	gaggatctgg	420
aagagagaaa	gaacagccta	aagaaatggc	ttgagaagaa	ccacatcccc	atnactgaac	480
agggagacgc	tccaaggact	ctctgtgtgg	ctgggggtcct	gactatagac	ccaccatatg	540
gtccagaaaa	ttgcagcagc	tctaattgaga	atattctgtc	ncgtgttcaa	ggatcttatt	600
ggaaggacat	cttacagctt	ccaatgagaa	gccaaagaat	tgtgaacata	ctgattgaaa	660
aaagacttta	ttttaatccc	tcattaaaan	ggtttttaaat	gttaaaaaaa	aaaaaaaaaa	720
acttcgagct	tttaaactat	ngtgagtcga	ttcntataa			759

<210> 3161

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 3161

ttctcctgaa	acgttngca	cttcctcnc	tgcaggatcc	catcgattcg	aattcggcac	60
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```

agtataggct aattctaccc aataactaaa tgaagtatta gcaaaccaga ttcacata 180
atcttttaaa aatcaagaat taattggatt taggaatata acactgtgta taacaagttt 240
aagagaaata tatgagaatg ataagactgc aattgaaaag agaggctttc tctggagggg 300
aagggtgagga ggatgtgatt tggaagaaca gcatggggag gcatcagttg tattgtaatg 360
tttatTTTTT aagctgaatg ataggtagct agatgttcat tgtgttcttt ttgccttttt 420
gtatatctta aatatatggt agtgccatga ttagcaggct taatagcctt gtgagtttaa 480
atgtcacttt caaatgctgt atttttggtg gagttgctta aacacattcc ccttgggnatc 540
tatacaacca gttaaaaaaa atcatgtata naccacccat tgaaaatata atggaaatgt 600
actgnatatg ccatttttcat gaaatggttg tgtcaaaggg gcttnttagg aaaaaaaaag 660
atcgtttaac tcttttttgca ttttaagtga aaataaggtg ggctttngga aatagtttca 720
acccttgctt aaccagtttt ttttttcatg cttnn 755

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<210> 3153

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 3153

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tnaagncctt tctnttgcct tntttgcagg attccatcgn ttcgcagagc tgtatcttca 60
gtggtgtgat gaagctacag taggggagat cactcatgct aggtatggat ctccttacct 120
ttggcctctg aatcatatTT tggcctatca aaaacagtgg gaagtcaaac gtaagatgaa 180
agctattgga tggggaaaga agactctgga ccaggctctta gaggatgtag accagtgcctg 240
tcaagctctc tctcaaagac tgggaacaca accgtatttc ttcaataagc agcctactga 300
acttgacgca ctgggtatttg gccatctata caccattctt accacacaat tgacaaatga 360
tgaactttct gagaagggtga aaaactatag caacctcctt gctttctgta ggagaattga 420
acagcactat tttgaagatc gtggttaaagg caggctgtca tagagttatg tgtagtctc 480
aggagtctta acttttgaaa tatgttttac ttgaatgtta catttagata tttggtgtca 540
gaatttttaa acccaaattt actggctttt tggaaacctt cnaaattata ttaatggtat 600
cttnatgnat tgtgccttta taattggcna ttttggggnn tttncntttt naaanaaaaa 660
ttcctngaaa tttattttta antccnggaa taatgntnng gnaattcctg nnattccttg 720
gnaaantttt tntggngttc cctttgggaa accantggcc ttngcctttt tannaaantt 780
aaaagncntt taaancaaac ctggg 805

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<210> 3154

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 3154

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tnnnnnnnntt tcaatntttt ancgctccctt aggatccntc gattcgatcc agatgggata 60
cctctaaaca cgaaaagaaa gaagattcca ttantgaatt ttttaagtttg gtttnatcaa 120
aagccgagcc acctangcaa cagtccaccc ccttagtaaa caaagaggaa nagcatgcac 180
cagaatcatc cgcaaatanag acagtcaaca aagatgtgga cgcacaggct gaangagaag 240
gganccgcca tccatggact tattcatggc catctttgcc agttcctcat atgaaaagtc 300
ctnatcctgc gangatganc acggtgacag tnaanatgat caggcacgct ctggngagga 360
caacttccaa agctggnaag acactgactt ggnggaaaca tcactctgtg ctcacgctnt 420

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tgtgccagng cccataggagc cgtcaccttc cttcccagata caaangatgc agatagatna	480
naganaagag ntcggccngn ngctgcctcc cgtcttatgt nccaatgctc gtcagacact	540
tgaagttnct canaaagaga aacattccaa gaacaaagac nagcacaang gcaatanaga	600
acacagggcn gaaagaattg anangaaatt ggaaacactn gaagcacnaa acacctaang	660
naatccaaaa naattggcaa accaggggaa aagtaggtnc ctncgngaag tttcgacagc	720
cngcggacaa gccanaattg acnatgaaac cgcatacgtg tcttnc	766

<210> 3155

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (778)

<223> n = A,T,C or G

<400> 3155

ttngaaaacn ccttngcttn gttnccecta cngaaaccct tttgaaaacc ntttgcnnann	60
tcctctttnt gnaggatccc atcgattcgt gaaagaggag atcggtgacc tgggctcctt	120
atgtgcctga atgagtttga gtttctgtt aactccaaat caacagtatt ttcaacaaga	180
aatgtgcaat tgaaatcaag tgctgtttta gtgcagctag gantccacag gaagacactt	240
gcagtgaaca gagttatgga gcagcaaaaa cacagatcta tttggaaaaa gagaaaacat	300
atgcgttgta ttttgcttca attataaaat accatcctct caaagggtgt tctaaattac	360
aaaggacttt gatttctagg tagattctgg gtagagactt cctttcatat tgaggcatta	420
atgacacctt ttaacctggg aagcaatatg actggagttg tactttgaga agattaatca	480
ggtttggttg cagaatgaaa gagaagatga agtcaagaga ttgggtttaga ggctctagca	540
gaagcttagt catatttcaa aatgatcaaa tatcaagaaa aattctgagc tgcataactt	600
gtataaagta attttcagtg atttttttca tgggttatgat aaaagaactg gattagcaga	660
aacttttacc ctgaatcaag atttaatttt tctttgagct catcttaagg atatcggaac	720
atagggagca aacgatggtg tggctgcctc antgcttgaa ttttaacngt tttgaaan	778

<210> 3156

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (745)

<223> n = A,T,C or G

<400> 3156

nanatccnnc nantncttnt tgttctntgtc cgnangatcc catcgattcg aattcggcac	60
gaggtttcat ttaagaagaa tganctagat anatgtgctc ttctgggttac cccaccctga	120
cagagtgcac ttttacacgg ctacgagggg ttgagactgc agcctggcct gccagccatt	180
ggaggtgttt aaggaagggc agataatgtg actctttgcg ggggtgccatc tgcttaccga	240
ttagcgagca naggggggtt ctgcgggtga cccccagcat atttctaggt tacttatggg	300
cagatttgta agtgacaaaa ctccagctga tgcagggaat ggggagaggg cccttgaggg	360
actttgtggt tttgtgcttc tggtttcctg gccaacccca gggtcacttg tctggaggcc	420
cagctgggca ctaatgtctg ccaccgacta tgttaaagtg tataaatgat tcctctattt	480
gggagagatc ttccaatcca gaggagcccn tcttgactg cctgggttaa atctgcatan	540
cagangtggt tgatgaagtt catctgaaga aattcagccc cacctnccca cctgcnctt	600
cctgctccct tttgatagtg gcttctgggt actcgggenn gtnccttgga caccancctt	660
ntctgggggt ctnaagccat cccgttgggg ctgtcggcca agcctaagtt aatcgtgtgc	720
ctntattggg aggatngctn ntcct	745

<220>
 <221> misc_feature
 <222> (1) ... (735)
 <223> n = A,T,C or G

<400> 3148
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 agagtaccca nanttgcna gagtntnntn actgatntag ccagggtggca atnatgagtg 120
 aatggatnaa naaaggcccc ttagaatggc aagatnncat ttacnnagag gtccnagtgn 180
 canccagtga cangaatgag tttnaaggga tgggttttaa ctacagaccc agnctctgcc 240
 aatatngacc ttgtgaactt ccttgaagat ggcancatgt ctgagaccgg aattatggga 300
 catgctgtgc agactgttg aactntgaat gaaggggacc atagagtgag ggataagctg 360
 atgcattttg ttcacgtctg gagactgcaa agcatacagc ccacaggatc tggagagag 420
 aaagaacagc ctanagnaaa tggctngaga ngaaccacat tcccatcact gaacagggan 480
 acgcttcaag gactctctgt gtggctgggg ncctgactat ngacccacca tatggtcana 540
 naaattncac cagctctnat gagantattn tgtcgcggtg tcaggatctt antgaaggac 600
 atcttacant ttnccaanna naagncatga aatgtgacat tctgcttgaa naagacnata 660
 ttttatcctc atnaatgttt aaatgtaaaa nnnnananaa aanactcgag ctntnaaatn 720
 tngtgagttt anang 735

<210> 3149
 <211> 798
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (798)
 <223> n = A,T,C or G

<400> 3149
 gcttctaattg cttttcgant ngcnntcntt gcaggatttc caaatncttg gntgcatcct 60
 ctgatggcnc tgtaaagatc tggaatatga agaccacaga atgttcaa atcctttaaat 120
 ccctgngcan caccgcangg acagatatta ccgtcaacag tgtgattcta ctctctaaaa 180
 accctgnnca ctnggtgggt tgcaacagat caaacacggg ggtcatcatg aacatgcagg 240
 ggccanattg tcagaanctt canttctggt annagagang gtngggactt tgnntgctgt 300
 gccctctctt cccgtgggtg atggatctac tnggtanggg aggactttgn gctctactgt 360
 ntngttcan cnactggcaa actgganaga actttgacag tgcaacgaga nggatgtgaa 420
 tgggtattgca catcancctc atcannaacc tgattgctac ctacagtnan nnatggactt 480
 ctaannctct ggannccatn antcaacttt tcttgtataa atnagctcna aagcntntac 540
 tttaaatgaa gccatnntca tggtaatgtg ctttnatntg ttttttgccn ncntgttcta 600
 aancaaatac nattgtcnna aattnannnc cncaaataaa ttttttgtgg aaananttna 660
 tgnnttttna anttagcnaa nctnncccn tntctctttg tgtgaanatt aagcttttaa 720
 aggggnagttt nggnnntant ccatncttcc naaactgggn tgnccggtca acnttaaang 780
 ntcaaacaat taaanncn 798

<210> 3150
 <211> 732
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (732)
 <223> n = A,T,C or G

<400> 3150

gnntctatnc	tnggctcttg	ncttcttgca	ggattttctaa	tgcttggatt	cggcacgaga	60
tcaccctggc	acgttccct	cagctgggct	ctgcagggca	gctaagattg	ggcactgatg	120
ttcctggctt	cagtcctacc	cgggttatgc	agctacggct	tcatacatat	accagttgca	180
ctaacttggg	atgaaaatta	agttaaaacc	agtagaaat	ttcatcctat	gttttggtgg	240
taaaagaagc	aatgaacaa	atgaatagag	gctgccaac	agttgtctca	ccaactgttc	300
cgactagcta	acaagattag	ctaggtcata	cctagtcgta	aaagaatact	ataagaactc	360
agaaattcga	catatttcta	ctacttgctt	gtcatgtaga	taaacagatt	aaaagaacca	420
taaaaaaaca	aagagaaaat	aatagtagga	ttagagagca	tgttatcatc	tcatgggctc	480
acttggcctt	agaaagaggt	gtttatccat	catgaatatg	aatccagggg	tctgaatgga	540
tataagagaa	ccaaatgtaa	cagaaattta	atatcatttt	ttcctctgag	atgaaacatt	600
ttacattttc	cagtttatta	gataaaatta	ctaaacatgt	tctagaccct	ggagttgtag	660
attttatgat	gttggctgct	gtggantggc	catgactggg	ttttcaaagt	ntaatttgat	720
ttctttttta	tc					732

<210> 3151

<211> 910

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(910)

<223> n = A,T,C or G

<400> 3151

gtnnncttca	ttcaatccct	ttgcanntgc	tcttttttgca	ggatccctcg	attcgaattc	60
ggcacgagct	tgacttccaa	ctgcccctga	gatttgnnct	ccagtataag	gggcaagcgg	120
gtgccctgga	ncgtccantc	ctnattcanc	nancanggct	tggnntttnt	gnaaaaactt	180
gttggngagc	ctgncanaaa	agctgcggcg	gaaatgggca	ctgtggcctt	ccccgtttca	240
ggntggtggn	gattcctgtg	gggagtgagc	aagaggaata	cgccaaaaag	ggacagcnga	300
ncctgcnggc	tgcaanactg	gtcagtgacc	tggatgcana	ctttttgact	gaccctttag	360
accngagaaa	tcctaccggg	ccccannttt	gncccantaa	caaanttttc	angttttgnt	420
gggttnggcc	cataaaaana	gcaactgggt	ngaanaaaca	anttgaaacn	tttctgggaa	480
aaaaangcta	ntttggngca	ccntttgccg	caatttgggg	anattttccc	tngnnaaaana	540
ngttttnncc	ccnttggttc	gacaattttt	cccnnaaata	ntctnnccgg	gtctnnnaaa	600
antntccngn	gngnanaaat	ttttttttng	gnnctcntnt	nanannnttt	ntnttgngga	660
tcnaaaanaa	nttgntnatt	tgacaaatna	ngcncnaant	ataanntggn	aaanccccnc	720
aaacctgttg	aaaacaantg	tnnccccccn	aaattttttna	naaanactgn	ttggagaccn	780
aaattmntta	tnttcntnan	naaaaaaaan	ttttgttngn	gnncccnctc	aatntgnggg	840
tggnaacttt	tcatncnna	ttnttttggn	taggtaaatt	ntnatcttct	ncttnaanaa	900
aaaaattcnc						910

<210> 3152

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 3152

gnttnnnctt	tttcantnct	tggtctctcg	ctttntgcag	gatccctcga	ttcgaattcg	60
gcacgaggtc	tagtataatc	ttgatgctca	aaccagataa	ggacaataca	agaaaggaag	120

gnnaanttttt tntggngttc cctttgggaa accantggcc ttngcctttt tannaaantt 780
 aaaagncntt taaancaaac ctggg 805

<210> 3144
 <211> 851
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(851)
 <223> n = A,T,C or G

<400> 3144
 gtnccttngtg nctntcngna actccctctn tctgcaggat ccctcgattc ggagaggagc 60
 aggtgcagtg attcataccc actctatngc ttttgtgatg gccacccttc tctttccagg 120
 acgggagttt aaaattacac atcaagagat gataaaagga ataaagaaat gtacttccgg 180
 agggattat agatatgatg atatgttagt ggtaccatt attgagaatn cacctgagga 240
 gaaagacctc aaagatagaa tggctcatgc aatgaatgaa taccagact cctgtgcagt 300
 actggtcaga cgtcatggag tatatgtgtg gggggaaaca tgggagaagg ccaaaccat 360
 gtgtgagtgt tatgactatt natttgatat tgccgtatca atgaagaaag taggacttga 420
 tccttcacag ctcccagttg gagaaaatgg aattgtctaa gccaaaagaa agtctaatta 480
 tatacagaga taaagctaaa cgtaattatt atttaaataa aagctatttt tttaaatgaa 540
 attggaaatt ttttcatgga tgcctnctaa atttggncac ttaaatacct gcaaaaatgg 600
 gcncacctgg aaacctcttc tgaccatttg gaatggtaat tnggccttaa taattccttn 660
 aataaatttt ttaaaaatga angggcccc agnnggaaaa attggnaaaa aatttttnaa 720
 tancntccna anggtnnnct ggggntaaat tttttttaa aatccccctt aaaccagccc 780
 aaaaattatt tttggncctt ttaaatttcc ctttnnntna aaantantac cntcttcagg 840
 aagnaaattc c 851

<210> 3145
 <211> 758
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(758)
 <223> n = A,T,C or G

<400> 3145
 gctcnatgct tngcnatcgc ncctttgcgg attcatcctt tcgggaactt ttgaagagaa 60
 aaattcgagc tagagggatt cttaaagcct taagttactt gaaatctatg tatttgcaac 120
 cctttgtctc tgggaatcata ttacactaaa ctggaatctc aggctgaatg agaataaccc 180
 agtggagtaa aaagaagaaa accgtttctt gatcaccact taattaacga tgctctttct 240
 ccaaaggatc agcacgttct tcctctgaga acttgaaaat acaaatggac cccatgtttt 300
 ttttaagcatt accttttctt agaagactgc catcatcttt tatagaggaa ttttttctact 360
 atgcanttcn gtggatcttt ataaaatact gaccttctaa ttagattcag gtcagtctta 420
 attaaagggg gaaaaaaagc aacgcaagcn caaccacagn aacnccatat tcccaaata 480
 aaggaaattt ggtttaaaat ttcacagcat taaacattac tttttaaagt aaaacnagtt 540
 catttgaaga aagtatgtat tgcancnant ggaacatggg cctggngcct ttgcagtggc 600
 cttcaacctn ctgtgcctgt ctggaanggg cgtgttccca agagtgagan ggagaagcct 660
 ggtgtncang aaacgctcct attaangaaa gnttnncttg gccaccgggc caacggggcn 720
 aagaatgggt tggggtggnt ttnacctctt atcantgc 758

<210> 3146

<211> 880
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(880)
 <223> n = A,T,C or G

<400> 3146

cgcttttttca	natcggtggc	tactcgttct	ttntgcagga	tcccatcgat	tcggttgagaa	60
cctgcctcta	tcccagaatg	tgctggagat	ttgacactca	natcantgtn	tngncttctg	120
cttggcncca	tancttaacc	tgcaagtgnct	tcaaaatgcc	caatgccttg	tttcttatta	180
ccttanatng	cnnnccagtc	taggggaagtc	tatgagaaaag	tngcatttaa	ttaaagttaa	240
aaaaaaaaaa	ggttgggcnt	tgngggtcat	gcctgtaatc	ccagcacttt	gggaggctga	300
cgcggtgga	tcactaggtc	angagttcaa	gaccagnctg	nccaacatgg	tgaaccctg	360
tctgaactnn	naatacnaaa	attagctgag	catggtggcg	tgtgcctgta	tctnagctac	420
tcacganctg	nggcaggana	atcgcttgaa	cccannaggc	ngaggctgca	gtgagctgag	480
attgtgccac	tgcaactcaa	cctgggagga	caganctaga	ctcagttctca	aaaccanana	540
aaaangccnt	tttttctggt	ttnaaatggt	ttnggaanac	tttttttttn	tttgggtccc	600
ntancctttt	ccctngaaac	ccctttttct	tggaancccc	tnaancccaa	aaatttttat	660
tagcccnttt	tttnannaag	gggggtttta	tncttaaagg	ggccttttan	ccttcaatnc	720
naaaaaaaaa	aaattgcccc	gcnaggncn	ttttaccgga	gttgcaaatt	taattttnaa	780
taaccacaact	ntgggccttt	aaaatttaan	annnaagntt	cttgggtnac	ccnanntntn	840
tnggggccct	tttttgnaaa	accctttata	ngggggggng			880

<210> 3147
 <211> 723
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(723)
 <223> n = A,T,C or G

<400> 3147

caatgcctgc	tngtcgctgt	tgcggnctcat	cgttcggttt	tttgggtgaac	actgatttta	60
ttggtgtctt	agatccctag	tctacccaaa	taattttaac	agtactgttt	tttctaattcc	120
tgaagtctga	tatttatgac	tcatttagcag	gaatcaaaac	tagtgatcag	tagaacactt	180
tcaaaataaa	aatttggat	gcagactttt	atgaaaattt	aaaagtgtct	cttaacagaa	240
tatcatgggt	tttctataa	aacttcttta	agtattgtaa	ttccagtctg	ccccactta	300
aaaaaaaaatt	cttattaata	tgtcagtcac	taattgctag	tttgggctct	cattatttcc	360
tgttttttta	caattttgtg	ataattttat	tattggcaaa	ttaatacatc	aacacttaaa	420
tcattgacta	taataatacc	ttctgggtac	ctctgtatca	accaaattct	gtagggtgcaa	480
acataacca	gggaattctt	actggcaaaa	tgatcaatct	ggagtgtgca	tccactgtga	540
atggagcaaa	ttgccctata	cccattgata	acctagcttt	cttagtttgt	agatgtagga	600
aacaaaatag	tgacagagag	agaagggggt	ccacagggca	tggtatatatt	atcagcagtg	660
gaaaaaaagt	gcatagatca	tttagtccaa	gaacttaaaa	ctaaattgag	ccataattta	720
ctt						723

<210> 3148
 <211> 735
 <212> DNA
 <213> Homo sapiens

```

ncanntggcn cncnnncgnt aaanntactn tantntnccn tgagcccn gn taaaaaactg 360
ngttaccctt tgacgactag tggngattat cnatttttnc ccttnancgg gccctnattt 420
cttctaacc cccacnntgc cttntntgat ttaanaaacc ttttggngc aattccctnc 480
ctntccta at tangcccc cngangagtt ttatcncn gnngnaataa attnccccca 540
agggaattgg aatccaancc ccccaaanaa attnngnnc cccccctttt aatnggnctg 600
nnttgggntg ggnaaaaanag gntttttntt atccaaagcc nggggttttn caataaanna 660
gntnncngg ncccaataa attttttaaag ngcnaccctt ttttnnnana aanccttttc 720
ccccctttt tttcnagggg ggggggntat tccannggn nnaanccctn actgnnaggg 780
ggccaatntt aaatgcnc ccttttggcc cttcacccc aacccctttt ttntntttnt 840
tttttnnacc naanncaa tccgnttttt gggttncccc c 881

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```

<210> 3140
<211> 725
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (725)
<223> n = A,T,C or G

```

```

<400> 3140
nttcnatacc ttntctactn gntctttttt caggatccca tcgattcggg ctcagagggg 60
ttatgattcg gaggggttct cgcacggca tgggcccggg cctcttgacc cggagccagg 120
cacgcgcaga ggagcttttc tctgggtaaa gttgaggacg acagagggta ttgtggttct 180
gggttgctcc caacctccga ctgtgtgtcc ttcaggacc gaaaccatgg cccacactgg 240
caggacagtg ggtcggcttg gggaaagggg ttagcttacc taccagagct tgtaggggct 300
gtgcagggtg atggctccca aggcggccct tttcagggtg cagggtctcac atcattctcc 360
atttaagctt acagtcagac tgattgataa tcggtggcac agatgtgcat taagtccctgc 420
ccgtgttcag gatgctgtac ttagtgcgtg tcggtgaaag gagtgaagag aagacgggat 480
tcagtgaatg ttctggaaaa tggctagagt gtacctagag agggaaaatt tcaatagaca 540
gtaggccagt tcaagactgg atagaagccg ggcgcggggc ctgtaatcct agcactttgg 600
gangtcaagc cgggtggatca cctgagctca aganttcgag agcacctgac caacatggtn 660
aaacaccgct tttctaaaaa tncaaaatta gctaggtgtg gtggtgggct cctgtaatcc 720
aggac 725

```

```

<210> 3141
<211> 745
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (745)
<223> n = A,T,C or G

```

```

<400> 3141
ctaatagctn ngccnactcg ctctttctgc aggattcctc gattcgagaa catgaaggta 60
gcacagaaaa agagatgctg tcttgagggg aatgttttat ttcaggaaag atatttgcaa 120
agggtggcaat gcagtgggtg atgggtgtgg caaggcccaa acagcacgga gctcgctgca 180
gaggagtaca cctcatgag catagacacc atcatcaatg ggaaggaagg tgtgtttcct 240
ggactgatcc caattctgaa ctcttacctt gaaaacatgg aagtggatgt ggacaccaga 300
tgtagtattc tgaactacct aaagctaatt aagaagagag catctggaga actaatgaca 360
gttgccagat ggatgaggga gtttatcgca aaccatcctg actacaagca agacagtgtc 420
ataactgatg aaatgaatta tagccttatt ttgaagtgtg accaaattgc aaatgaatta 480
tgtaatgccc cagagttact tggatcagca tttaggaaag taaaatatag tgggaaagta 540

```

```

aaactgactc atccaactag acattctaca gaaagaaaaa atgcattatt gacgaactgg      600
ctacagtacc atgcctnttc anccagcccc gtgtgtataa tatgaaagac canatgatag      660
aactgtactg ttttctgggc cagtgaacca gaaattggat taangcttct tttggtangg      720
taaactctaga agttttatata ntggn                                           745

```

```

<210> 3142
<211> 926
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(926)
<223> n = A,T,C or G

```

```

<400> 3142
ttaaagccct ttctactnct cttttgcagg attccatcgn ttcgaattcg gcacgaggat      60
ctctatacta gtgaacagtg ccagttccac actttggact tagaactgtt ctctagttat      120
tgtaacacag aatactgtca atccctaatt tacttaattgt tacttattgg aagtggggct      180
gatgaaatac gcacaggagg gaaatctact gtgttttaggc acaggcagnc ccagtgtata      240
aggagatcat attccaaang gttgtcagtt ggntgtttgc aacctggaat gtattttcct      300
ttagagacca ngttatccat ggtggttagg cccctagagc agctggaaaa agatgatcaa      360
accaataggt tngctgacat cnaataatgt aataagtttg cttaaaggaat ctaccatcaa      420
atntnatatt gnttccaggg aaggttgtnn nttaanntnc cntcttngtg ncatantgga      480
cnntcccntn ccagtcant ncntnannnc tngggcnngt ntngnnttng tntntttngn      540
cnntcnanca atatttcata tcnccctng ctaaaattct ttnanannaa nttctcantt      600
tctcccttta ctanaanttt ngtnnttntt ccttttanta tttnnnccta tntntntcgt      660
tcnnanantn cattnnntnn ttntnngctn nttnatcacc ctanctcnn tctcanntat      720
cntnntcnta ttatctctnt attnntcnc tntnatnate ntcccnntt gtntanncna      780
ttatntcttg ttntntntct cncatctctn tcntnttctc ngctnannnn actccnnnnn      840
tcnctctent nnnnanatnc atatnctnct ttngntatat annnnntnt ntacntant      900
cnntnatnca tnncnatatn nttngt                                           926

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```

<210> 3143
<211> 805
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(805)
<223> n = A,T,C or G

```

```

<400> 3143
tnaagncctt tctnttgetc tntttgcagg attccatcgn ttcgcagagc tgtatcttca      60
gtggtgtgat gaagctacag taggggagat cactcatgct aggtatggat ctccttacct      120
ttggcctctg aatcatatth ttggcctatca aaaacagtgga gaagtcaaac gtaagatgaa      180
agctattgga tggggaaaga agactctgga ccagggtctta gaggatgtag accagtgtctg      240
tcaagctctc tctcaaagac tgggaacaca accgtatttc ttcaataagc agcctactga      300
acttgacgca ctggtatttg gccatctata caccattctt accacacaaat tgacaaatga      360
tgaactttct gagaaggtga aaaactatag caacctcctt gctttctgta ggagaattga      420
acagcactat ttgaagatc gtggtaaagg caggctgtca tagagttatg tgttagtctc      480
aggagtctta acttttgaaa tatgttttac ttgaatgtta catttagata tttggtgtca      540
gaattttaaa acccaaattt actggctttt tggaaacctt cnaaattata ttaatggtat      600
cttnatgnat tgtgccttta taattggcna ttttggggnn tttncntttt naaanaaaaa      660
ttcctngaaa tttattttta antccnggaa taatgntnng gnaattcctg nnattccttg      720

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gntcaatacc	tgctactgnt	ctttntgcgg	attccatcgt	tcgttcttca	tgtttatatt	60
tcagagttct	taatagtgat	acttaaatat	actatTTTTT	ccctgtactt	tcgaagattt	120
ggatatgagt	tttcagattt	aaatgtggga	actcatttga	gtataatccg	tgaacagcat	180
ttgttcaaca	catttttggg	gaggccctgc	tatatacaag	tcattttcca	agtcctactg	240
aggtattggg	gttatccaga	ttgtattatg	gagaagctag	tggtctttaa	gaaataaaga	300
aataaggcta	aaactcttta	acagggtaga	aaggggcagt	tcatagggga	gggaaatagt	360
atagaacatt	cattcctagga	atacaagtga	aatcactcaa	attaccatgt	agtcaatata	420
cagattgntc	agtgcctcct	atgtgcccg	cagtgtgcta	ggcccaggga	tacaatgaag	480
aagaaccctg	ccctcaaaaa	atgcagccta	aaagttttct	tatggaaact	ggaaatcaag	540
tttgggtctg	gcattagagg	cttttcttaa	tgtattcacc	tggtgtgttc	aggtantttc	600
tgaagatata	gaaatgtttg	atgaaatgaa	tgaagatacn	gaatggtang	attccagtat	660
caagctctat	ctcataacag	ttacatttcc	tactaccttg	caaaccctnt	ccntactatt	720
atttaatacc	cttttttcac	cccn				744

<210> 3138

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 3138

aancccttt	tnnangcgnt	tcctntcanc	tnaaancgnt	tgnaactcnc	nctntctgca	60
ggatcccatc	gattcgctaa	caagcgattc	taaaccacct	atgagtattt	cttttagggc	120
tcacttaa	acatgtttgt	atatactgta	ttctagccag	aataatttta	gatctgatca	180
ggtagtagct	aaaattagaa	aaaaacaaaa	tagatgctta	agaattttgc	atccattttt	240
gagtctaaat	cttttaaaat	atactgagat	ccacatctag	tgaaatgtca	gtgtcaaaat	300
attatagatt	atagctaaaa	tccagattaa	tactcatttg	gggtttttta	tagtggaact	360
tcatagtaat	acaaaaagca	gattgtcttc	ctgtctccgc	tgctcccaca	gtaggtattg	420
aaactggtaa	aatcagtttt	ttgatantgt	gtgtatataa	gaaaaaatag	atacacacat	480
tcttttttct	cagtcaacac	attgattgaa	cactctggca	aagatgctgt	ggtggatgan	540
gttggagttc	gaaagaagaa	gcaagcgctn	gcctgccttg	aaagaaccga	agtctttccc	600
attcacttct	ctagaaagct	gccaaagacg	aagcagaaag	aaatgggatg	atagttctgt	660
caaagcacac	ttctggnctc	ttagaacctt	agaagtgnnt	ctaagagAAC	agaagttatt	720
aagaagaaac	nagntacgtg	tgggaattca	acaaccttng	ggtnggaacc	cattggcttn	780
t						781

<210> 3139

<211> 881

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(881)

<223> n = A,T,C or G

<400> 3139

ttcattccct	ggctntgntc	tttttgcagg	naccocatga	ttcgaattcg	gcacgaggtt	60
aaactgtcag	tattggatct	tagaagtaaa	tgattattag	gactgtaata	gtaattatta	120
ggactgtaaa	aggtaaagga	ttattatctg	cattagaatt	tcntanatct	aaaggatttn	180
ganactngag	acntttannn	ccagggnntct	tttccnaaan	tcnnaaatte	caaattcatt	240
ngaantnggg	aaagtgatgg	gggnacaant	ngcntncnat	ccagggnntc	taaantngnn	300

<221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

<400> 3135

tcnctcctna	aatcgttggc	gctctcttgc	aggatccctc	gattcgaatt	cggcacgagc	60
tctcaaatag	aaatgggaga	taagaaatat	atctgtgcaa	tattaaattg	aaaaaaaaaa	120
cccataaaaa	gtgtcaaagg	caaataattt	gctctagatc	acaaaactag	ttagcacaag	180
gctaggatta	taaccagggt	ctaggaaaaa	atcctgaagg	tgatttaact	gagtgttagg	240
ccctgtcaag	ccacctgcta	aggctcatgg	tctttcagac	tagcttcaac	attccaaatc	300
aggcaatagc	tacaacggaa	agataattgg	acgggggaatc	ctgagatcag	agtcctagtt	360
tggctttgtc	tcttgttagca	ggatttttta	aatcaggggc	agctctcttc	tcccatccca	420
gccatgaatc	tttcaacctt	agtggtcacc	aacttgactc	cattccttat	atcaagcctt	480
gtcctgtcaa	ttctccctta	aatgttagtt	gcattccattt	ctaaatatat	ccatggccat	540
caccctagta	aaaagactat	tacctcacac	cccgcacttg	atcttccccc	aactttaagt	600
gactcagttc	cttatatcac	tgccacaaga	attaacaccc	atgtccatct	tttcattttc	660
tgctgaaaga	ttttcagtgg	ttcccacttg	aatnccaaat	aaagttcgaa	tcccttanaa	720
tggcattcac	agccttntac	ttctggncce	acttttatnt			760

<210> 3136
 <211> 813
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(813)
 <223> n = A,T,C or G

<400> 3136

gcctccttct	ttcaaaacnc	ttggctactn	gttctttttg	caggatccca	togattcgaa	60
ttcggcacga	ggccacacgg	gccgcatcat	ncctgcaatc	tggttccgct	acgaacctcag	120
ccccatcacg	gtcaagtaca	cagagagacg	gnagcccgnt	gtacagattc	atcaccacga	180
tctgtgccat	cattggcggg	acctnaccg	ncgccggcat	nctggactca	tgcattctca	240
cagcctntga	ggcctggaag	aagatccagc	tgggcaagat	gcattgacgc	cacacccagc	300
ctaattggccg	angaccttgg	gcattcgccag	ccttgccctcc	agtgccctgt	ntnctttggc	360
cctcaatctg	gncccaaate	tggtgtgtgc	ccaaagggtg	tgtgggaagt	gggggggaaag	420
tanaggatgg	ctcgatgttt	tgcagctacc	tcttttnccc	gtgttncttt	ttagacaaat	480
tacactgcct	gaagttgcan	ttcccctttn	cctgggggagc	ccnaagaaca	gagtcnnggc	540
anggggtggg	gagtccaggg	atcttggggg	acccctccta	aggagaagct	tgcagtctct	600
tcntaaggg	gaacatccca	gaatgcatta	togantcagc	ttnttaagcc	caggctttan	660
acaaattctt	nnnagnnccc	caattagggt	nggacaccat	ttaaataaat	ttgggtttac	720
ttccccctgg	ggcaagncca	anccttgccc	ccanaaggct	acncanaaac	cttgggggct	780
tttaagcctt	ttgggggaccc	aggnttggcn	nnt			813

<210> 3137
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 3137

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(791)
<223> n = A,T,C or G

<400> 3133

tgccctctttn	tgcccttttgt	aannnccnct	ttttgcagga	tcccatcgat	tcggattagt	60
angatttnca	ngaaaaataa	ccaccgggtg	gggantaang	ngcccaaant	cnngtcctaa	120
atgcncagct	ttatgtncct	tgtccaccat	ctngngcctc	ttctccattn	gcctcttcct	180
tcctatttcc	cttccgctaa	ggaaaaaaat	nggggtcnca	ttngtaaaag	taattttaat	240
agttaatcat	ctctgagagt	aacctgtatt	ttaatngttg	aancttaacc	aaantaagat	300
nctgtctnag	ctagggtctg	tcatttgtgt	atttagtggt	aagataggaa	tgctagtgtc	360
tctttaatta	attggaaata	gatggaggct	aaaaatgaag	gtttttcttt	gaaactgaat	420
taacttgagg	atatattgtt	ttaaaacttc	tttttgccca	aaataactca	ttttgnatta	480
tctgaaaata	tataatttct	ggcatgtgta	tgttaaaata	gaaaattttg	aggaaaaatg	540
gaaatagggt	ggaaaagtac	tcggtaaaca	gtagtaacca	aatattttca	ctccagattt	600
gngttttctc	ttggcaccag	agtagatctt	ttgggaaaaa	atattatgaa	aagtnggatt	660
aaagtttgga	ctacccttat	ggttagcccc	catctgggat	gagaacnggt	taccaaagga	720
gtttngggcc	tcttaagggt	gatttggtnc	cccagtgggg	tcaacttttt	gcnaaaattn	780
ccgnaatggg	g					791

<210> 3134
<211> 781
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(781)
<223> n = A,T,C or G

<400> 3134

ncctttcaaa	cgcttgctct	tgttctttnt	gcaggatccc	tcgattcgaa	ttcggcacga	60
ggtgaacacc	cgctgatcct	ttaacaagga	tttctggcag	gaaactcaca	aaanggagaa	120
ctgaaaattt	agacatacag	ttggccattg	taaaaaacat	cagtttcctc	tcatacatte	180
caagtaaac	aagtaaaata	agtgttggag	taacacttgc	ataaaaagaat	ttaaggagtg	240
atagctcttt	ctgttctgcc	attcccaaca	ttcctggggg	aaaggagact	caatgagtta	300
atactatttc	actgagccca	agatggaaac	ttggtttgac	ctaaaacatc	tgattaatat	360
aggctagctg	atttcttaaa	aattcgttgc	attgaaggat	atthttgcag	tctgtaacac	420
nngncantcn	tggttggant	ggattcnna	tntnntnca	ntnntnncn	nntaattggn	480
caaatnantt	tngcnntaaa	tantncngnn	tcctnnngnc	aaaatcnnga	atcctnaggg	540
atggtccaac	cccttttatg	gntggcctga	aaangngaag	aatggggaat	tcctnttaaa	600
ccnttccatt	caaaaaaaaa	aaaaaaaaaa	cctnggccct	tttnnaactt	ttnggggngc	660
ccgttttccc	ttanaanccg	accttgata	ggaaccattg	gatgaatttn	ggccaaancc	720
ccaacttgga	atggcnntgg	aaaaaaaaag	cctttaantt	ggggnaaatt	tggggaaggc	780
n						781

<210> 3135
<211> 760
<212> DNA
<213> Homo sapiens

<220>

<400> 3131

nnnnggggnnn	nnnnnnnnnn	nnnggggggg	ggggggnngga	nnnggggnngn	ngnnnnngnng	60
nnngnnannnn	nnnngnngng	gcgtttccnc	tttnctangn	tgnaaaaaaa	acccgggtttt	120
tggggngaaa	aanngcccn	aggccnaggg	gaatnccnc	aanncgggna	annngcgggn	180
aaaannncgg	ggcnacgga	ggggngana	gaagnnnngn	aaggggagnn	ggnggcngc	240
gggnnnaggg	gatagggaaa	aggngaanga	ggngcnnggg	gggganngag	ggnnnggang	300
accggangng	anggaggcng	ngcagnggga	nnnacggagn	ggggcangnn	gancgangaa	360
ggcgnagnga	ggaaaanaaaa	ccngggagan	ggngctgna	gnaannnggn	nnaggatggg	420
aggaaaaanc	atanaaaaana	ggngccngna	ggagagaatn	gnccccngng	ganggggnngg	480
gnacggggna	angnnnnangn	nagnngggg	nnngaagcgg	ggaannnagn	gggnaagnngn	540
gnnnngnagg	ggngcgnag	gagagnngg	gngnggggg	agganaangn	ncngganccn	600
gagnngggga	ggaagagnng	ngggganngn	nnggangang	nggnngnngg	ganngggngg	660
anaggngnnn	nnggngnna	tcaggcnggg	gagaggangg	aagcnggcgg	nncgnggnga	720
ngagcaggcn	gngaggnnnc	nnagnagagc	agnnnnnngc	nancggnnna	gagnggagtc	780
nnagnnggga	ngngcggagn	nnagngcnnn	gaggngnang	ngnagagnng	ngnnnnnnag	840
ngngcnangn	ncnnngggg	nagcntgngc	nnnggggaag	gangnnngn	ngagggnnaag	900
nnaggngngg	gngagngcgg	nagnnggcgg	acagnccggg	nggnnnagn	nganangnag	960
ngnggggngg	angaggngcg	ngantgnncg	anggcgcngn	cgggggagag	naganngnng	1020
ggnggaggng	ngcngnnnan	ggngggacgg	aggagnnggn	nnaggngggg	aggnggancg	1080
angnggnnan	acggcngngn	gnggangggn	gacnngagn	gagggngag	gagagnngan	1140
gggggggngn	gcnnngnagg	ggngagnngc	agnagncnac	angangggga	gngcg	1195

<210> 3132

<211> 1195

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1195)

<223> n = A, T, C or G

<400> 3132

nnnnggggnnn	nnnnnnnnnn	nnnggggggg	ggggggnngga	nnnggggnngn	ngnnnnngnng	60
nnngnnannnn	nnnngnngng	gcgtttccnc	tttnctangn	tgnaaaaaaa	acccgggtttt	120
tggggngaaa	aanngcccn	aggccnaggg	gaatnccnc	aanncgggna	annngcgggn	180
aaaannncgg	ggcnacgga	ggggngana	gaagnnnngn	aaggggagnn	ggnggcngc	240
gggnnnaggg	gatagggaaa	aggngaanga	ggngcnnggg	gggganngag	ggnnnggang	300
accggangng	anggaggcng	ngcagnggga	nnnacggagn	ggggcangnn	gancgangaa	360
ggcgnagnga	ggaaaanaaaa	ccngggagan	ggngctgna	gnaannnggn	nnaggatggg	420
aggaaaaanc	atanaaaaana	ggngccngna	ggagagaatn	gnccccngng	ganggggnngg	480
gnacggggna	angnnnnangn	nagnngggg	nnngaagcgg	ggaannnagn	gggnaagnngn	540
gnnnngnagg	ggngcgnag	gagagnngg	gngnggggg	agganaangn	ncngganccn	600
gagnngggga	ggaagagnng	ngggganngn	nnggangang	nggnngnngg	ganngggngg	660
anaggngnnn	nnggngnna	tcaggcnggg	gagaggangg	aagcnggcgg	nncgnggnga	720
ngagcaggcn	gngaggnnnc	nnagnagagc	agnnnnnngc	nancggnnna	gagnggagtc	780
nnagnnggga	ngngcggagn	nnagngcnnn	gaggngnang	ngnagagnng	ngnnnnnnag	840
ngngcnangn	ncnnngggg	nagcntgngc	nnnggggaag	gangnnngn	ngagggnnaag	900
nnaggngngg	gngagngcgg	nagnnggcgg	acagnccggg	nggnnnagn	nganangnag	960
ngnggggngg	angaggngcg	ngantgnncg	anggcgcngn	cgggggagag	naganngnng	1020
ggnggaggng	ngcngnnnan	ggngggacgg	aggagnnggn	nnaggngggg	aggnggancg	1080
angnggnnan	acggcngngn	gnggangggn	gacnngagn	gagggngag	gagagnngan	1140
gggggggngn	gcnnngnagg	ggngagnngc	agnagncnac	angangggga	gngcg	1195

<210> 3133

<211> 791

aagganaaac	aagngngnna	aaagaacaaa	ggagngaang	ccananangc	nnagcnaann	360
naaacaaaana	cggggganaa	ggcganaanc	nacngnanna	nngcaannag	aangaannan	420
acgnnngacg	gcgannagna	nggacagcgn	agannnnann	nnnnnaggan	nnnagnacan	480
agnnnacgan	cggcacanan	ggcgganana	gnnngancac	angacacaan	acanacacga	540
ncaggcnnng	annanacacg	gaagcaaagn	agaagngcag	aaagananna	gaancancnc	600
cgagaggcan	agncacagna	gnnanngcan	agnncnanna	gnanagna	agcgacagag	660
nnncgaagcn	gagnaacaca	caangaaanc	agannacgag	nagacggang	aaagggaaga	720
caaagagaga	ggnangaaan	gaaagaaaca	gagagngcag	aagacncnng	agagaagaga	780
gacagnagna	ngagancncg	cnnacngana	nganaagaca	nagaaanaga	gngcgagag	840
acnanaggga	gcgaacgcag	anangaga	agacngaana	aagaggagca	aannnnaggn	900
ngaannncac	gaggacagan	cncaacaagn	ncnnaggcan	acgaaaanan	acaggacgag	960
gangnnacan	agcgcganna	gncncanngn	agcgcgaaacg	aggannanag	agaacagcga	1020
nagagannng	aagggcagac	anaggnaaaa	ggggganaca	cacgagangc	gacacaggan	1080
aanngcgag	acggacnggg	nggggagaga	aaacngcga	ncnggnaagg	agaagnanna	1140
aggagaggan	nagacgacgc	nagananang	nagnannгаа	agcacannga	cggaacangn	1200
ngcacgagca	ggcanacnaa	anaaganggn	angaaggaan	agannncaag	ngangaaacn	1260
gaaagaggna	aagncncgan	gagngnacca	gacgcaga	nngnagcaca	agagaacnga	1320
gagagancga	naggagaagg	gagnganaga	naagaagaaa	agcgggnaac	aaaaaacang	1380
ncncccnmag	acaaagnggg	nggcgng				1407

<210> 3130

<211> 876

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (876)

<223> n = A,T,C or G

<400> 3130

gtccccctttc	nnntnaatccc	tttgggtctt	tctgcaggat	ccctcgattc	gaattcggca	60
cgagatacaa	atactacgtt	ggacgcaagg	ctatgtttga	cagcgatttt	aagcaagatg	120
ctggttatgt	tgacatagga	aatggagatt	aggacaacat	ttagttcagc	gactgacttc	180
atgacataga	catnccgcat	ggagatgact	tagaagcagg	ggatatgccc	ttggacctgg	240
tgtcaaaagct	ctcgttttaa	cagcctcggt	cagtgtgtcg	ctaccacaag	agctcctggt	300
taaacagcct	cgcacggcgt	gtcgtttgcc	acacctgaca	ctattggatt	agttttacgtt	360
gctgangagt	acctgtcatt	tgcctttgag	cattgtcacc	cgtnttaggt	ccgaannaac	420
caaaatgggt	tggatnctng	gaccttntt	tggctttccn	gtnaaaaaat	ggcttttttg	480
ggntcanaat	tgcccnctt	gggggggang	cttntcntga	aaaaaagggt	tntnccctnn	540
gntgccnaan	tttttggccg	gaaantttac	cccnannccc	ttttaaaccc	aangggcnaa	600
acctnnnttg	nttgntttca	aacaaaggcc	cctttggnaa	aaaccccggn	nggnctnttt	660
tttaaattn	cttggnngga	ntttttcctc	antccnngga	aaaaccttta	aaantnnttc	720
cccttanang	gaacctttt	nnaaaaaaa	gnggttttcc	tttaccngaa	ancccncccg	780
attttttttg	gnatnnttna	taggggtccc	tnnaaatctn	ancccgntnn	nttgcccntt	840
naantnnaat	canntttaac	nttnncnnnn	naatcc			876

<210> 3131

<211> 1195

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1195)

<223> n = A,T,C or G

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gnnttnnnnn nttttcaant nnnnggctctg ntcttttgca ggatccctcg attcgaattc      60
ggcacgagcc tagtcccaga gtcctggagc ggcatactgg ggggtggtgt gcagtcccag      120
catccccaac ccagcatgta tagagagcat ccctccttac atccagctga cccatgcccc      180
tgctcctccc tgtggctgga ggttcaacaa taacataagt ctcttctttg ccctccagat      240
atttctccct cgagtggctg ggaaacttgg caagagacca gaggacccaa atgcagaccc      300
ttcaagttag gccaaaggca tggctgtgcc ctatcttctg agaagaaagt tcagtaattc      360
cctgaaaagt caaggtaaag atgatgattc ttttgatcgg aaatcagtgt acccgaggct      420
cgctgacaca gagaaacccc aacgcgagga aaggaatggc cagccacacc ttcgcgaaac      480
ctgtggtggc ccaccagtcc taacgggaca ggacagagag acagagcagc cctgcactgg      540
tttcccttca ccacagccat cctgtccctt cattggctct gggctttcca ctatacacag      600
tcaccgtcca atgagaaaca agaaggagca cccttcacat ngactccaac tgcaagttag      660
acagcgacat tcaatcctgn actggttaac tgggggttact ggatgactcc tggttgcccc      720
ccatnctttt tgactggga                                     739

```

<210> 3128
 <211> 782
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(782)
 <223> n = A,T,C or G

```

<400> 3128
ntgcttcttc tncnnaaccc tttggnaact ncctotntnt gcaggatccc atcgattcga      60
aaatatttta gtataagcaa ttggctgtga tgctcaaatt tattgcatcc tcttattgaa      120
tttgccaaatt tgtaattttt gcataataaa gaaccaaagg tgtaatgttt tgttgagagg      180
tggtttaggg attttggccc taaccaatac attgaatgta tgatgactat ttgggaggac      240
acatttatgt acccagaggc cccactaat aagtggtagt atgggttactt ccttgtgtac      300
atttctctta aaagtgatat tatactctgtt tgtatgagaa acccagtaac caataaaatg      360
accgcatatt cctgactaaa cgtagtaagg aaaatgcaca ctttgttttt acttttccgt      420
ttcattctaa aggtagttaa gatgaaattt atatgaaagc atttttatca caaaataaaa      480
aaggtttgcc aagctcagtg gtgttgnatt ttttattttc caatactgca tccatggcct      540
ggcagtgtta cctcatgatg tcataatntg ctgagagaag caaattttct ttcttttctg      600
aatcccacaa agcctagcac caaacttctt ttttcttcc ttttaattaag atcataaata      660
aatgatcctt ggggggaaaaa ngcatctgtc aaaataggga aaacattccc aaaactggag      720
ccactcttct tgtgcaccta anccatagct tggtgaccaa acaagatngg ttgcttcaag      780
gn                                     782

```

<210> 3129
 <211> 1407
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1407)
 <223> n = A,T,C or G

```

<400> 3129
acnnnacnnn gnaagnnacn ngaananng naanngacna annngnanagn gnaananaag      60
nggggggnga gaccnccagn nggnngccan naaccccntg ggnaaanngc cnananngca      120
ggaacccanc gnanngnaan nnggnannga ggcagagnac ccgcaggaan cnnnaacann      180
gannacaggc aggaaacnna caaaaaggag ganngngaaa acaaanacan acagngaggc      240
caaagnaaaa aacatcagna nncgcnnana cagnncangn annccaagga anaanaaggg      300

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<221> misc_feature
 <222> (1) ... (776)
 <223> n = A,T,C or G

<400> 3125
 ntccctctntt gccttcgntt ggcnaacttgn tcttttttgca ggatcccatc gattcgggttg 60
 agcaatatga atataatgcc aagtactgat aaaatacggg attcatttag aatcaacata 120
 ggtagacaga ctgttttttag taaggttttg tttttttggtg aataccatgt ttgggctgtc 180
 agacttactt ttcccttgag atccatattt tgtacatgac ataccagata tatgcaatat 240
 gaaacggaaa cagtttttca atctaataatc caggagtttg tgtaaatatc ttgtgaactt 300
 gtggctcttg gtatctggca ttgataaggc tgtctactaa tcctagagaa aggggaagtag 360
 actccgtttt aaagtctagt ccagtcttat tcttttagttc atagaaatgg tctaagttaa 420
 tgatagactc cgcacttatg ttcagaaagc atcatcatta cagctttgtt gaagggactt 480
 ctgagtaang attatgtttg cgtctcctgt tgggtggaagg cccatgaagc gtaatttcct 540
 nctcaccatg ggcttcttta ttattgntga gtttttcata ctcanggatg tgaattcaac 600
 cttgggtgtt ccagttcaga gaaaatattt catgaaagga tgaagtgttg gttcaattct 660
 aggaccagna ttgagtggca ttatattcca gangtcctta tgggaaatgc tgggatttat 720
 tgagtnggtt tnncaggnca ttttcgnccc ntttgccctg ggactaacta anacan 776

<210> 3126
 <211> 813
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (813)
 <223> n = A,T,C or G

<400> 3126
 gcctccttct ttcaaaaacnc ttggctactn gttctttttg caggatccca tcgattcgaa 60
 ttcggcacga ggccacacgg gccgcatcat ncttgcaatc tggttccgct acgacctcag 120
 ccccatcacg gtcaagtaca cagagagacg gnagcccgnt gtacagattc atcaccacga 180
 tctgtgccat cattggcggg accttnaccg ncgcccggcat nctggactca tgcattctca 240
 cagcctntga ggccctggaag aagatccagc tgggcaagat gcattgacgc cacaccacgc 300
 ctaatggccg angaccctgg gcatcgccag ccttgccctcc agtgccctgt ntncctttggc 360
 cctcaatctg gncccaaatac tggctgtgtc ccaaagggtg tgtgggaagt ggggggaaag 420
 tanaggatgg ctgatgttt tgcagctacc tcttttnccc gtgttncttt ttagacaaat 480
 tacactgcct gaagttgcan ttccccttn cctggggagc ccnaagaaca gagtcnnggc 540
 angggtggg gagtccaggg atcttggggg acccctccta aggagaagct tgcagtctct 600
 tccntaaggg gaacatccca gaatgcatta tcgantcagc ttnttaagcc caggctttan 660
 acaaattctt nnnagnnccc caattagggt nggacaccat ttaaatgaat ttgggtttac 720
 tccccctgg ggcaagncca anccttgccc ccanaaggct acncanaaac cttgggggct 780
 ttaagcctt ttgggggaccc aggnattgcn nnt 813

<210> 3127
 <211> 739
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (739)
 <223> n = A,T,C or G

<400> 3127

<211> 775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(775)
 <223> n = A,T,C or G

<400> 3123

nctctttgac	ctcnnnttggc	tactngttct	ttntgcagga	tcccatcgat	tcggtcagat	60
ggtagaaaat	gaaataatta	aatagatacc	atthtgagttc	tgggagccag	gtgaagaagt	120
gtttgtttgt	ttttgagacg	gagtctcact	ctgttaccca	ggttggagtg	cagtggcctg	180
atcttggcgc	actgcaacct	ccgccttctg	ggctcaagtg	attctcctgc	tccagcctcc	240
tgagtagctg	gggctacaga	cgtgtaccac	cacacctggc	tactttttgt	atthtttagca	300
gagaggggat	ttcgccatgt	tggtcaggct	ggttttgaac	tcctgacctc	aggtgatctg	360
cccaccttgg	cctctcaaag	tgctgggatt	acaagcgtga	gccactgtgc	ccggccagaa	420
ggagtgtttt	gagaatggct	aagagaagat	aggttgaata	gctatgccta	catgtcacta	480
attaacatct	cagagatctc	tgctacaggt	tgtccgtcct	cattttgtct	aatatthtttc	540
caatggcatg	agtataggaa	gataaacggg	gaatgttttg	aagtaataaa	aaaattccat	600
tcataaagaa	gaacaacatg	tattaagctt	tgtgcaccaa	acaacacaaa	cagggaagac	660
acataaggca	anaagctttt	agnaaaaaaa	nnntncntnn	nnannntaat	aaaaaactnn	720
ggnccttng	aactntaggn	gagnccgnnt	ttaccgtana	atccaganct	gaata	775

<210> 3124
 <211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(820)
 <223> n = A,T,C or G

<400> 3124

tcccnagant	ccatncgttt	ggcnactcgt	tctttntgca	ggatcccatc	gattcgaatt	60
cggcacgagt	gttcttgtag	tgthttgttg	tattgttaga	aagattatta	gtgatatgtg	120
gggtgtctta	gctaaacaac	agacacatgt	aagaaaacac	cagtttgatc	atggagagct	180
ggthttaccat	gcattgcaat	tgthtagcata	tacagccctt	ggthttttaa	ttatgagact	240
aaaactcttc	ttgacaccac	acatgtgtgt	tatggcatca	ctgatctgct	caagacagct	300
atthggatgg	ctcttttgca	aagtncatcc	tgggtgctatt	gtgtttgcta	tattancagc	360
aatgtcaata	caagggttcag	caaactctga	aaccagtggt	aatattgtag	gggaagttca	420
gcaatthgcc	ccaagaagaa	cttatagaat	ggatcaaata	tagtactaaa	ccagatgcag	480
tgthttgcnng	tgccatgccc	acgatggcaa	gtgttaagct	ctctgcactt	cggcccatgt	540
tgaatcatcc	acattatgaa	gacgcattgt	tganagcccn	aacaaaaaat	angthtttact	600
naaatgtata	ngtacgggaa	aggcacnccg	anggaaagtg	aaaacgagga	actngattaa	660
agthnaaaag	gtggaactta	ttancattnc	ctatanaant	agthcatggg	tgtgntaaan	720
aaaggatccn	aagccctctg	thttgcangtt	tgccctggaa	antthtggggg	atgttnggaa	780
gaanacctng	cccaaattgg	ttggggcaaa	aacnthccct			820

<210> 3125
 <211> 776
 <212> DNA
 <213> Homo sapiens

<220>

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tggtgtacac agctagagag ganaatgggt tggatgnnca cctgctntgc angangccna      600
tctcagttat tgctgangat aaaaagctng ccttggaatg gaanggaaag gctnnangaa      660
cttcccatgc nacctggccc tttttgggta tggncggtn ccaaaacctg ancttgttnt      720
taccncngac aaagngggg ggttttt                                         746

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<210> 3121
<211> 773
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(773)
<223> n = A,T,C or G

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<400> 3121
gcccctttca ttcaaactct tggctactcg ttctttntgc aggatcccat cgattcgaat      60
tgatgagcct tattaactat cttttcatta tgagacaaag gttctgatta tgcctactgg      120
ttgaaatfff ttaatctagt caagaaggaa aatttgatga ggaaggaagg aatggatata      180
ttcagaaggg cttcgccctaa gctggaacat ggatagattc cattctaaca taaagatctt      240
taagttcaaa tatagatgag ttgactggta gatttggtgg tagttgcttt ctcgggatat      300
aagaagcaaa atcaactgct acaagtaaag aggggatggg gaaggtggtg cacatttaaa      360
gagagaaagt gtgaaaaagc ctaattgtgg gaatgcacag gtttcaccag atcagatgat      420
gtctggttat tctgtaaatt atagttctta tcccagaaat tactgccttc accatcccta      480
atatcttcta atnggtatca tataatgacc cactcttctt atgntatccc aaacagttat      540
tgtggcattt aataatggaa tgtncatggg aattttccca ctggccttac ctttctgncc      600
ttggggaagc ttaaactctg gaatcttctc aatctgtaaa atggggaatt aaaagtatct      660
acctaactga gttgggaatg nanntgaaaa gaaaggccat tttttntaaa tcttgggaatt      720
tagccaagcc cacntccgat tttatggccc tttcccatng ccctggantg nnn          773

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<210> 3122
<211> 775
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(775)
<223> n = A,T,C or G

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<400> 3122
nctctttgac ctcnnttggc tactngttct ttntgcagga tcccatcgat tcggtcagat      60
ggtagaaaat gaaataatta aatagatacc atttgagttc tgggagccag gtgaagaagt      120
gtttgtttgt ttttgagacg gagtctcact ctgttaccca ggttggagtg cagtggcctg      180
atcttggcgc actgcaacct ccgccttctg ggctcaagtg attctcctgc tccagcctcc      240
tgagtagctg gggctacaga cgtgtaccac cacacctggc tactttttgt attttttagca      300
gagaggggat ttcgccatgt tggtcaggct ggttttgaac tctgacctc aggtgatctg      360
cccaccttgg cctctcaaag tgctgggatt acaagcgtga gccactgtgc ccggccagaa      420
ggagtgtttt gagaatggct aagagaagat aggttgaata gctatgccta catgtcacta      480
attaacatct cagagatctc tgctacaggt tgcctgcctc cattttgtct aatatttttc      540
caatggcatg agtataggaa gataaacggg gaatgttttg aagtaataaa aaaattccat      600
tcataaagaa gaacaacatg tattaagctt tgtgcaccaa acaacacaaa cagggaagac      660
acataaggca anaagctttt agnaaaaaaa nnntncntnn nnannntaat aaaaaactnn      720
ggncctttng aactntaggn gagnccgnnt ttaccgtana atccaganct gaata          775

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<210> 3123

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ctatgatccc	aaaatacgac	tgaagaccct	tgcggcccta	gtggaccact	gccaaggaag	300
gaaaggaggt	gagctggcct	cagctgtcca	cgcctacaca	aaaacaggag	acccgtacat	360
gcggtctctg	gtgcagcaca	tcctcagcct	cgtgtctcat	cctgttttga	gcttccctga	420
ccgctggata	tatgatgggg	agcttgagga	cacttaccac	gaattttttg	tagcattcag	480
atccaacagt	taaaacagat	cgactgtggc	accgacaagt	atacttttgag	gaaaatcgat	540
gattncttcg	tttatgaacg	atggatcaag	tctangaaag	gtccttttga	taggaaaatc	600
aattaaatth	cttgcccaag	gtttggccat	gatcagactt	cccacnttca	aaaganggat	660
nagcttggtg	aaccaanttc	ttgcagangt	caccccaagg	aatgcttgna	anacctntth	720
cccanantth	tggnaaat					738

<210> 3119

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (794)

<223> n = A,T,C or G

<400> 3119

gnttctaagt	cttggngnt	ttcaaannct	tggcnntth	cnaatgcttg	gctactngat	60
ctttntgcan	gatcccatcg	attcgaatcg	gcacgaggag	ttttttgtga	tattgaggca	120
ttcatacaga	gtgcagtta	gacgggggta	cggggggctaa	aagcagaaaa	aaaattccat	180
ttcatcgga	tggaactgaa	ggattttatt	ctataaaagcg	gccctgggtg	aatctggcaa	240
ttctttttgc	caagatccct	agcagaagat	ttagccatgt	ccttcccttc	acttgtgtga	300
gtggcccctt	ctgaatctct	ccagcagcca	gaggcacgtg	agaagcagaa	agagctggta	360
aataaagcct	tgggcaagcg	acttcttaga	tcagaactca	ccaaatggaa	gcctagcagc	420
tgctccataa	acctagcccc	attcttcata	tcaattttgt	ataaatatat	agaaacacac	480
acacagcctc	agacttacaa	actgattata	ctctaaaagt	ttgtatgtca	gttagctaaa	540
acttcagaat	acattttctt	cctataaaag	agtttttaaat	gatgggtaag	ttcttcaagg	600
cagntncnca	anggcctatt	tnntccccaa	agggccccct	gaacnnttng	ccccccatan	660
aaactggaac	ccnccntth	tgntantana	nccccntggg	ggaagtgncc	nattttnngg	720
gggttaaaaa	cccggggggg	tggccaanaa	aaacnacacn	ttntttttcc	nattcccan	780
cnataangag	aagg					794

<210> 3120

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (746)

<223> n = A,T,C or G

<400> 3120

ntntnncct	tnnnccanac	tnaacnctth	gcacttnctc	ttntnrcagg	atcccatcga	60
ttcgaattcg	gcacgagatt	tgtaccaact	gtaccatctg	cttgttnctg	ctccaaactt	120
ttaccactt	gcttttggtg	aagagggtcac	ctgcgtatth	aaaatatcct	tttgtaatgn	180
atttgggaaa	gtgccaagaa	cntntnnaaa	tgggtggnaa	ttgaaattga	aagggcntth	240
aattttcnth	aanaaanacc	ctnggaggng	anataagggt	tttatctggg	atcagggtnt	300
ccaatggcat	tgntatanac	gtggcnctgg	ggcagggata	aaatttataa	aacncaatan	360
taagcctcct	ggtgacatct	ctgccctth	atagtccttn	atctggcttg	tttgcagggn	420
gcaagatggg	tnaccacctg	acgtnccttat	gtggtcanna	tggtatcaaa	aggggntth	480
ctctangacc	ccctanaatt	tgtggagctg	ggttgatca	taggaaaatg	caagctgtgc	540

<400> 3116

caatgcttgt	nnttttnaanc	cttgnccctt	tcaaatacctt	ggctacttgt	tcttttttgc	60
gggatcccat	cgattcgaat	tcggcacgag	acaagggtgct	ggcagtgaag	tgggggcaga	120
ctgagcctgt	gtagtgaagt	gtcttgagga	acgtcagctg	tatcttttag	gaaacaaaa	180
ctgcatagac	attgaaccca	ggcagaaggt	catgaagtca	gagctaagaa	atgctagtgg	240
ggataggggg	tgagatagag	ttgggaaatg	tttcagagct	acaggtgaca	gttgttggtg	300
tccagttgga	tatgtaccat	gaagggaaga	agcagtcaga	gtgggcacca	agctttctag	360
cctggaggac	tgaatggttc	tgtgcacatt	tcagatggaa	agaatagagg	cccacagaaa	420
gttaatgaga	tgcattttat	acataccagt	tttgaatttt	aaggacctgt	ggggtagata	480
tccaagatgg	ctattcccag	taatttgtat	ttatatcttg	ctacatcgca	gaaaggattt	540
gaagcttgct	aacacacata	agatataaga	attaaaaatag	gctggacctt	gggaacctca	600
cacctgtaat	nccagcattt	ttggggaagg	ccnaagccgg	gttggatcac	tttgaaggtc	660
aagaantttc	cagaccaccc	tggccaacat	tggtnaaaac	ccccattcct	tattaaaaac	720
ttccaaaaat	tancaaaggt	gtggtggtn	cttncctnta	atcca		765

<210> 3117

<211> 830

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(830)

<223> n = A,T,C or G

<400> 3117

gettcaatgc	ttttcatttc	aaatncttgg	ctcttttcaa	tccttgggnac	ncgatcnctt	60
tgcaggancc	cancagcnnn	nttgccgaac	nggcttaacc	agttcgggac	ttacagnang	120
ctaccaatgg	nnnntggccc	nncgangata	nggatctgcy	ccacatggag	gttttgggnc	180
gggancttna	acgctacctg	cnacnnatnt	tggntgggnnt	ccntgtnnac	nannttgtnc	240
ttntgccaan	gggcactcan	tnatgcctat	actatnnngc	nnacancata	acgnnnnnct	300
cncnnnatgn	cttncacatt	ncncaatcat	tntgcntaca	gtatnatgca	tgatangcaa	360
gtagtcactg	cntagtggag	tanggaacng	atctnccnta	caatgttnang	ctgaanntnn	420
acacnnatgc	nacanactan	cntggnaatg	ggtataggac	angtnnnnta	gntcatgnnt	480
gactatgnan	nagtgcnnnt	gngannatgn	gatanntgan	cnnnncttga	agnttfaatg	540
gatgnatcca	gcnnatngna	atnngnnaan	cctcntacta	caagactgan	ataaatgnan	600
ttttgacgat	aatgctnaat	aatgnatcta	anatgnaant	taccatgttg	gnaaacttgg	660
gccccatngc	anaatttnan	aaaagggttt	ggaaaattgg	aaatggattg	ngtagcaatt	720
aaagcttttn	taccctctang	ngcccnntga	cctcncnngg	gnattganat	naantgnntt	780
ccggaatttg	gcctctgant	attttngctt	ataaatccnn	nttgnccgacn		830

<210> 3118

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 3118

tttcaaatng	cttggctact	ngttcttttt	gcaggatccc	atcgattcga	attcggcacg	60
aggcctggag	cgctcattcg	gactcgctcg	gcagagcttt	tgtgctgnct	tgcaccagga	120
actcagagaa	tactatcgat	tgctctctgt	tttacattct	cagctacaac	tagaggatga	180
ccaggggtgtg	aattttgggac	ttgagagtag	tttaacactt	cggcgctctc	tggtttggac	240

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3114

ttcaaatcnc	ttgctacttt	cnaatcgctt	ggctactcgn	tctttctgca	ggatcccatc	60
gatgtcggaa	ttcggcacga	gangtgtnc	nactgtgccc	tctgctngnc	netgctccna	120
actntaacnc	anttgcnttt	ggtgnacang	tcacctgcgt	gtttaaaatn	tccttttgta	180
atgtatcgng	aatgtgccga	gaacatatga	aantggntgn	caatgganat	ggaangggct	240
ttattctcac	ttaanagagc	cctgggagga	ataagggttt	atctggatca	ggtatccaat	300
tgcatgggat	aaacgtggcc	tgaggcatga	taaaatntna	naacacaata	ataagcctcc	360
tggngacatc	tctgnncctt	ttatagtc	tcantgtgct	tgtttgcan	gtgcangatg	420
ggtgaccacc	tgacgtgctt	atgtggtcag	taagttatct	gaatanggtc	tntctanacc	480
ccctagaatt	tgtggagctn	ggttgcac	taggaaatgc	aagctgtgct	gnggttcaca	540
agctaggaga	ggagaatggg	ttggatgtgc	acctggctct	gcaggaagcc	catcttaggt	600
tannnctga	aggataaaga	anctggccac	tggaatggtt	gggaaaaggc	tntnnganct	660
tcccatgccc	aaccttggn	ctttttnggg	tatnatngtg	ccngncctt	gaacngcttt	720
tttaantctg	acaaanatac	aggganttt				749

<210> 3115

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 3115

ttnaancctt	tccccctt	aaatnncttg	gctactngnt	ctttctgcag	gateccatcg	60
attcgaattc	ggcacgagaa	gtctgttgcc	attccatctc	tgtgttaaca	cttcatat	120
ttatgaaatt	cagataat	gtgagaggct	ggcatggatc	taaggattta	ttat	180
tctagtccat	cagttcagtc	gcagttttta	tactaggact	ttaggatgta	cataaatgtg	240
tgactgtttg	tcttgattaa	aagtgcactt	tggcctgggc	atggtggctc	atgcctataa	300
tcccagcact	ttgggaggcc	aaggcgggtg	gctcacttga	ggctaggagt	tcaagactag	360
cgtggccaac	atgaggaaac	cctgtctcta	ctaaaaatac	aaaaattagc	tgggtgtg	420
ggtgcatgct	tataatccca	gctacttggg	aggctgaggc	aggagaatcg	cttgaaccca	480
ggaggtggag	gtttgcagtg	agcccgagat	tatgccactg	tactccancc	gtgggtgaca	540
gaatgagact	ctgtctcaaa	ttaaaaaaa	taaaaaaata	at	tttaaaagta	600
cccctttgnt	ggctggggca	cggcgactna	cgctgtaat	nccagcacat	tggggaggcc	660
aaggcagggc	agatcaccaa	ggttagggag	ttccanacca	gccttggcca	acatgggnga	720
aacctctgcn	tttactggaa	aann				744

<210> 3116

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

aatcctgana aatntaantt aanaatctng ntaccttttc cntananaan aactaacctc
nagcccn

780

787

<210> 3112
<211> 746
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(746)
<223> n = A,T,C or G

<400> 3112
nttntnnct tnnnccanac tnaacncttt gcacttnctc tttntgcagg atcccatcga 60
ttcgaattcg gcacgagatt tgtaccaact gtaccatctg cttgttnctg ctccaaactt 120
ttaccactt gcttttggtg aagagggtcac ctgcgtattt aaaatatacct tttgtaatgn 180
at ttgggaaa gtgccaagaa cntntnnaaa tgggtggnaa ttgaaattga aagggcnttt 240
aat tttcntt aanaaanacc ctnggaggng anataagggt tttatctggn atcagggtnt 300
ccaatggcat tgnntatanac gtggcncctgg ggcagggata aaatttataa aacncaatan 360
taagcctcct ggtgacatct ctgccctttt atagtccctn atctggcctg tttgcagggn 420
gcaagatggg tnaccacctg acgtncttat gtggtcanna tgttatcaaa aggggntttt 480
ctctangacc ccctanaatt tgtggagctg ggttgatca taggaaaatg caagctgtgc 540
tgggtgtacac agctagagag ganaatgggt tggatggnca cctgctntgc angangccna 600
tctcagttat tgctgangat aaaaagctng ccttggaatg gaanggaaag gctnnangaa 660
cttcccatgc nacctggccc tttttgggta tggncggtgn ccaaacctg ancttgttnt 720
taccncngac aaaggngggn gggtttt 746

<210> 3113
<211> 755
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(755)
<223> n = A,T,C or G

<400> 3113
gntttnnct tttcantnct tggctctcgn cttntnctc gatccctcga ttcgaattcg 60
gcacgagggtc tagtataatc ttgatgctca aaccagataa ggacaatata agaaaggaag 120
agtataggct aattctaccc aataactaaa tgaagtatta gcaaaccaga ttcatacaata 180
atctttttaa aatcaagaat taattggatt taggaatata acactgtgta taacaagttt 240
aagagaaata tatgagaatg ataagactgc aattgaaagt agaggctttc tctggaggga 300
aagggtgagga ggatgtgatt tggaagaaca gcatggggag gcatcagttg tattgtaatg 360
tttatttttt aagctgaatg ataggtacgt agatgttcat tgtgttcttt ttgccttttt 420
gtatatctta aatatatggt agtgccatga ttagcaggct taatagcctt gtgagtttaa 480
atgtcacttt caaatgctgt atttttggtg gaggttgctta aacacattcc ccttggnatc 540
tatacaacca gttaaaaaaa atcatgtata naccacccat tgaaaatata atggaaatgt 600
actgnatatg ccatttttcat gaaatgggtg tgtcaaaggg gcttnttagg aaaaaaaaag 660
atcgtttaac tctttttgca tttaagtggg aaataagggt ggctttngga aatagtttca 720
acccttgctt aaccagtttt ttttttcatg cttnn 755

<210> 3114
<211> 749
<212> DNA

taagaaacga	gccaacaaag	cagcacctga	aatcaacaat	ttaattgaag	aagcaacaga	360
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tgcatcttaa	ggacatgaat	attctcccat	aacggattca	actatgagaa	gagaagtggc	480
agcaataagg	cagtctctca	aaagtcatac	tgccagagtc	tctagggcaa	ggagaaacaa	540
ctagctggac	aatactcaat	tcacaactta	gcattttgcc	atctgaagct	tggcaaacta	600
gtatctgctg	taaaacaacc	tatatgggat	gtgaaccgta	gtattcctga	gcaaaacgtg	660
gctttcatcg	ctttgtaaaa	atttggcatc	tgtttagaaa	ctagcctata	aaata	715

<210> 3110

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(730)

<223> n = A,T,C or G

<400> 3110

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gtttttcgaa	gatcaactca	agaagcaaga	gttagcccca	ggtcaaatac	gaagtcagca	120
aacctcaggg	ctgtcagagc	agattgatgg	gagcgctttg	tcttgctttt	ccacacacca	180
gaacaattcc	ttgctgaatg	tatttgcaga	tcaacctaat	aaaagtgatg	caaccaatta	240
tgctagccac	tctcctcctg	taaacagggc	cttaacgcca	gctgctactc	taagtgtgtg	300
tcagaattta	gtgggtgaag	gactgcgatg	tgtagttttg	ccagaagatc	tttgccacaa	360
attnctgcaa	ctggcnaaat	ctaatacagt	gagaggaata	gaaacctgtg	gaatactctg	420
tggaaaactg	acacataatg	aatttactat	tacctatgta	attgtgccaa	agcagtctgc	480
gggaccagac	tattgtgaca	tgganaatgt	tnaggaatta	ttcaatgttc	aggatcaaca	540
tgatctcctc	acttctaggg	atggatccat	acacatccta	ctcaaactgc	atttttatcc	600
anccgttgat	ctttacactc	actgnncctt	atcaacttat	gttgccaaga	agccnattgg	660
ccatttnttg	gctcaccaaa	agcntaaaga	cactggcctt	cttangctta	ccaatgcttg	720
gnttgcttgn						730

<210> 3111

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 3111

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tctctncatg	atcccatcgn	ttcgaattcg	gcacgaggat	tgtgacatgg	tgtaataaaag	120
gtctacatgg	ngtaataaaag	gtatacatgg	tgtaataaaag	gatgtgggag	cacanatcca	180
taggaatttg	acagtntagg	aattgcttta	ttattcangc	ccttcactct	cagactaccc	240
tgctctatgt	gaataatgan	gcttgtgggt	gtctgtggaa	aantngacan	antagaattt	300
ggncagctgc	tgaangncac	ggncctctgga	atgagtcac	gtncctctan	ggacagtant	360
nccaaattga	nacnnaaact	tnagaaaaac	caatgtnatg	gggccaagca	attgggnagc	420
taggcccagc	ctnatntttt	agngattttg	aactcaatct	ttaanactct	gnaacagaan	480
gananaaaag	gtgnatattc	gngnaatgac	atncaagatc	tnactgcnc	ctnggctnct	540
anngatggnc	gaaaaantgt	gcncccaagg	tttnccccct	ntatttacca	ccttgcatcc	600
atgccatngt	ngaccttaca	nntgnncaaa	aggcccttgc	ccnntgtgan	ancattcccc	660
tggnancttt	ccentaccng	ntgccctctt	taantccttn	attnaaaccc	tgggggtgaa	720

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gcagctgaaa gangatctgt ccagntcat cctcctatca gaggaggacc tccagatgct 120
tggtgacgct cctggtcag acctggctca ggaactacgt canagttgtg ccaccgtcca 180
gcggtgcag nacacactnc aacaggtgct tgaccaaana naggaantgc gtcagtccea 240
gcagctcctg cagctgtacc tccaggcttt gganaaagag ggcaatnctc tngtcaaagc 300
angaagagtc caaagctgcc tttggtgagg agnggatgc antagacacn gggnatcagc 360
atgagagacc tgctaagacg ttgcgcttgg cngagccnca tccttactgc acttgnaggg 420
agaagcaggc tncanaagct gtngcttacc taatacaggn attncggagt tgggttacct 480
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gaatnaccgg gacacctggt tcanagnaan gcccttgtna gtcagtttan ccttnggnan 600
cttgcnnact ntgccaatta aannaacnnc cnataancct ttggcaannt tcntcccttt 660
ccngntaagg ncaatatttn nanaccanag gcccaaaggg ncccccttca acccaaancc 720
tttggggttg gaaccncttg ggcnaanaaa aatnccccctt taaagtcncg atntgncccc 780
aaggnaaccg ggggaattct ccccananta tttngtccnn tacnnannat ctngggttaa 840
actntgnacg ccccanaagg ggaaaantct tctnttttgn gggctccnaa nttntatggg 900
ttaannn 907

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<210> 3108

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 3108

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tcttnnntng gctattngat ctctntgcag gatccctcga ttcggaagac accagtgggtg 60
gaatcgagtg tttggccaca gtccgggacc tatggtagaa aaatactcag tagctaccca 120
gattgtaatg ggtggcgta ctggctgggtg tgcaggattt ctgttccaga aagttggaaa 180
acttgcagca actgcagtag gtgggtggctt tcttcttctt cagattgcta gtcatagtgg 240
ctatgtgcag attgactgga agagagttga aaaagatgta aataaagcaa aaagacagat 300
taagaaacga gcgaacaaag cagcacctga aatcaacaat ttaattgaag aagcaacaga 360
atztatcaag cagaacattg tgatatccag tggatttggtg ggaggctttt tgctcggact 420
tgcatcttaa ggacatgaat attctcccat aacggattca actatgagaa gagaagtggc 480
agcaataagg cagtctctca aaagtcatac tgccagagtc tctagggcaa ggagaaacaa 540
ctagctggac aatactcaat tcacaactta gcattttgcc atctgaagct tggcaaacta 600
gtatctgctg taaaacaacc tatatgggtat gtgaaccgta gtattcctga gcaaaacgtg 660
gctttcatcg ctttgtaaaa atttggcatc tgtttagaaa ctagcctata aaata 715

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<210> 3109

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 3109

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tcttnnntng gctattngat ctctntgcag gatccctcga ttcggaagac accagtgggtg 60
gaatcgagtg tttggccaca gtccgggacc tatggtagaa aaatactcag tagctaccca 120
gattgtaatg ggtggcgta ctggctgggtg tgcaggattt ctgttccaga aagttggaaa 180
acttgcagca actgcagtag gtgggtggctt tcttcttctt cagattgcta gtcatagtgg 240
ctatgtgcag attgactgga agagagttga aaaagatgta aataaagcaa aaagacagat 300

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<221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 3105

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gatgtcggaa	ttcggcacga	gangtgtncc	nactgtgccc	tctgctngnc	nctgctccna	120
actntaacnc	anttgcnttt	ggtgnacang	tcacctgcgt	gtttaaaatn	tccttttgta	180
atgtatcgng	aatgtgccga	gaacatatga	aantggntgn	caatgganat	ggaangggct	240
ttattctcac	ttaanagagc	cctgggagga	ataaggtttt	atctggatca	ggtatccaat	300
tgcattggat	aaacgtggcc	tgaggcatga	taaaatntna	naacacaata	ataagcctcc	360
tggngacatc	tctgnncctt	ttatagtccc	tcantctggt	tgtttgchang	gtgcangatg	420
ggtgaccacc	tgacgtgctt	atgtggtcag	taagttatct	gaatanggtc	tntctanacc	480
ccctagaatt	tgtggagctn	ggttgcatca	taggaaatgc	aagctgtgct	gnggttcaca	540
agctaggaga	ggagaatggg	ttggatgtgc	acctggctct	gcaggaagcc	catcttaggt	600
tannncctga	aggataaaga	anctggccac	tggaatgggt	gggaaaaggc	tntnnganct	660
tcccatgccc	aaccttggnc	ctttttnggg	tatnatngtg	cccngncctt	gaacngcttt	720
tttaantctg	acaaanatac	aggganttt				749

<210> 3106
 <211> 726
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(726)
 <223> n = A,T,C or G

<400> 3106

tgagttcaat	gttggcnttg	cnaatnctgn	ctgtncncn	nttgcggtt	aaccagnctn	60
ncgattgagg	antaaaggte	atngatggte	agaanctgan	tgacgttngg	aatccacccc	120
gttnattgta	gaactggggg	ttcagagggc	aggtgcctca	gagttgaggc	cacacagtga	180
ggtctggttg	gtgaaaggac	ccaggaacga	ggcgttcang	aaagcagggt	gtcagagcta	240
tgtggagtct	gtgggtggca	ngggcagccg	ctccagcctt	tgaagacttt	gaaagccaca	300
gattcctggc	gcaggcttgg	acttntctgg	agctcctcca	agtacccann	ggcatcanan	360
ctgcctgggt	gttacatggc	ccanngaacc	catgttcang	gtaggacatg	catnaccaga	420
tacccaatgt	gcanagtga	nacactgggc	tccctgttaa	acgatgaaga	attcangaca	480
gtgacagcat	tacntnacc	ctggggacaa	gaggtcagcc	taaggtgaca	cacggttgac	540
tactgtgctt	cggaggctcc	ctgtgtcctg	gnngaagaaa	agcattnnag	ggggcagctg	600
gaccangctc	ccaactgcag	aagttccagc	cctggcttgg	gcaagggccc	cggnccttgg	660
actcacnatt	nnctgatatg	ccttaagnaa	ttcattctgg	tttgnacaat	ttnttttttt	720
aaaaan						726

<210> 3107
 <211> 907
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(907)
 <223> n = A,T,C or G

<400> 3107

gttnaatent	tggcatttnn	anatcgctng	ncganccgat	cgattnga	nnnggcacgag	60
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<210> 3103
 <211> 737
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(737)
 <223> n = A,T,C or G

<400> 3103
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 ttcggcacga gagaaaaaca acagagagaa aaagaatacc tgagatatgt agaagcttta 120
 cgagcccaaa tccaggagaa aatgcagctg tataatatta ctttacctcc actatgctgt 180
 tgtggtcctg atttttggga tgctcctcct gatacctgtg ccaacaactg tattttctat 240
 aaaaaccaca gagcatatac tcggggcacta cattcattca tcaattcctg tgatgtccct 300
 ggggggtaatt caactcttcg agtcgcaatt cataattttg cttctgcaca caggcggact 360
 ttgaaaaatc tataataaga atctgaaatt aactggtagt attttggctt ttacttaaaa 420
 tcatccctga gagagtattt aagaaaagct gttcaagtta taaaatatat aatctggaaa 480
 gaaatactgt ctcatataat aattagattg taatcattgn tttaatctct gtctgggaac 540
 caagattgaa agctgactta cttctctctt ctgncttgtg aaccatacgg agcctattat 600
 tttaaaatat gatcagacaa gtaaggcttc tcttactttg ctctgctctg atcagaagag 660
 ctcatgtgaa gtcttttgaga ttctcttaat tatcatcttc tnaaactggg ttttgagctt 720
 gacagtntctg aaaaagt 737

<210> 3104
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 3104
 gntnnnttcn nttcctttcn aatncttggc tactttcnnt ctctgnagga tcccatcgat 60
 tcgaattcgg cacgaggag atccagatat tcttaggacc tgctgtttga acctgtgagg 120
 catttcaaga atggagagt ccattctgca gtcattcaag cagtagaaga cttggatttg 180
 tctaaagtgc ttcctttagg tcgtcagcac ggtatcttaa acagccttga gatagtattg 240
 aaaaacatta gtcactctgat cagcgcatac ctgccgaaga ttttgcanat actgctctgt 300
 atgacagcaa ccgtatcaca catccttgac caacgagaaa agatacagct gagatttatt 360
 aatccattga aaaatttaag acgtcttggg atcaaaatgg taactgatat ctttttggac 420
 tgggaatcat atcagtttag aacagaagaa attgatgctg tgtttcatgg tgcagtttgg 480
 cccagatca gcaggcttgg atctgagagt caatattctc ctactcctct gctgaaactg 540
 atcagtatct ggagcanaaa cgcangatat ttccctttgc tggctaaaca gaagccctgg 600
 gcacccagaa tgtgatatcc tgaccaatgt ttttgcaatt ctctcagccg aaagaatctt 660
 tctgatgcn acagccagta tttgtaatgg gacatangtt ggatgacctt ctttaaccct 720
 ttccagaatt ncgagcctac nngaaaccag gtttttc 757

<210> 3105
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>

tttaaaaacc	cagcnttggga	gnaagaaaag	ttggaaaaat	ggagcccaag	ttggntaaag	660
gaacnaattg	gaatancctg	ggncccattg	gggatttttt	taagaaaaaa	gtggtttnaa	720
aaattgggaa	anttgaatt	tggggnaatt	naaaancctt	tgggaaaaag	aaattggnc	780
ctgggggggn	ccccaaaggc	tttnntttng	aaaaagggcc	nttnggggtt	ttnggccttt	840
taanaaatta	aaaggtccca	aaaattggnc	cncnntttng	aaccna		886

<210> 3101
 <211> 738
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(738)
 <223> n = A,T,C or G

<400> 3101						
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catgtcaaca	gaaatggaga	tgtgcactgg	ggaaactgcc	ggccggggccg	ctggcccgtg	120
gacgcctggg	aggtggccaa	ggccttcatg	ccccgaggac	tagcagacaa	acaaggacct	180
gaggaatgtg	atgcagttgc	tcttttaagt	ctcatcaact	cctgcgatca	cttcgtgggt	240
gatcgaaaga	aagtcacaga	ggtaattaaa	tgtcgtaatg	agatcatgca	ctcttcagag	300
atgaaagtat	cttctacgtg	gcttcgagat	tttcagatga	agatccaaaa	ttttctgaat	360
gaattcaaga	acatcccaga	gattgtggca	gtatactcca	gaatagaaca	gctgttgacg	420
tctgactggg	ctgttcacat	ccccgaggaa	gatcagcgag	atgggtgtga	atgtgaaatg	480
ggaacttacc	tgagtggag	ccaagtcaat	gaaatagaaa	tgcagttact	aaaggagaaa	540
cttcaagaga	tatatcttca	agcagaagaa	caagaggtgt	ttgcctgaag	agctctcaaa	600
tcgactggga	atgggtgaang	aattttctgag	aaacatgaag	gatccttagaa	atgggcttta	660
cngaagatat	gccagaaact	ngacagcctt	tgtcttccct	caaaaactgg	attcacaagg	720
aacctgggag	acaaacnt					738

<210> 3102
 <211> 738
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(738)
 <223> n = A,T,C or G

<400> 3102						
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attcggcacg	agatttttgc	ggacactcag	acacaattta	gagtatttat	atataacttg	120
aaaacagtaa	cattttccaaa	aaccgatgaa	ccccaccctg	tcccaaggaa	tgattgggtat	180
gtatgtgaag	ttcattttct	gacaaaaata	attacgttcc	acttaggatg	cacaaccatg	240
ctgtcctgta	gagaagtcac	aagttttgtg	agaattttta	aactgatgat	gtttatttcc	300
atggtaacat	gagtatacat	tttaccttct	attgtagtga	tgaatcacia	ttagtctttt	360
tttatagggt	ggtggaaaag	taattgctgt	tttgccattg	cttttaatgg	caaccacaac	420
tacttttgca	ccaacctaat	atttattaag	actttacttt	tttgagacca	atttctgaaa	480
ttgggattca	tgttgagagt	ctctaaggtc	cctgataatt	tgtcgcattt	gttgntgntt	540
tttgagaaat	atttcatcac	tactcaaagt	atgggtcctct	ggtctgggtg	aagcttcgta	600
agctttgaaa	gccagataac	cagggtttca	gacaagtcta	gagccangtc	aggatatcaa	660
taagaccac	aggatgtagg	gcttgccctgc	tanggagaca	tttagcttat	cttcccggca	720
aaaaaggctt	gtncctccc					738

agcgtgttat	gaccttctct	accataacta	ccaaatttaa	atgggtcccg	acttcaccct	360
ctggaaggaa	gtaaactctt	ctctcccat	ggtttcagag	cagtttttac	ctgcaagcac	420
catctctgta	tgtgctctta	ctagattata	cagttcttga	gagggattgc	atcttggtgt	480
ttttgtattt	ccacctcacc	cccagcacat	agcccagtc	cttgcaaaa	tttaagtactt	540
aatgtgtgtt	gagctaaatt	gaataaagga	ttattagcat	tagcatattt	tgtgccttgg	600
ttgtataagc	tggttgntg	ttttggtacc	tttgcaata	tttatgatta	tcaccccccc	660
acatactaaa	ttgtttttaa	aagggttgnc	tttncttcag	aatactaccc	cangc	715

<210> 3099

<211> 886

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(886)

<223> n = A,T,C or G

<400> 3099

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cgaattcggc	acgagcagag	ctgtgatctg	ccccaggta	ttctgacccc	caaactggct	120
ctcaaccatg	tttacatgat	gaaaagaaga	ggtgactgtt	gtatcagctc	taaaggcctc	180
acttttgggtg	aaatgggacc	taaatttgat	tgcatacttg	attacttgct	gtcaatactg	240
aaattggcac	ttcataattt	taatactatt	gaactttcac	cataaccctg	tcctataaag	300
ttgacttgca	aatgaagaaa	ctctatctct	tcaatattat	aaaatatatc	caagagtcac	360
aactagttag	aaaaggacag	gatctaacta	acaatgtgag	gctgtgtctt	cacaccaatt	420
caacagagta	tcttgtaa	gttgagagga	gangtcttta	ggtcatgggg	tgtctttcaa	480
taaagtgtctt	tagaaaacag	gtgacaactg	gaattggggc	cttgagggga	ttgaatngga	540
tttaagccca	gggcaantta	aaattagggg	aaaagcngaa	ttccttcaag	gaaccgggat	600
tttaaaaacc	cagcnttgga	gnaagaaaag	ttggaaaaat	ggagcccaag	ttggntaaag	660
gaacnaattg	gaatanccctg	ggncccattg	gggatttttt	taagaaaaaa	gtggtttnaa	720
aaattgggaa	anttgaatt	tggggnaatt	naaaancctt	tgggaaaaag	aaattggncc	780
ctgggggggn	ccccaggcc	tttnntttng	aaaaagggcc	nttnggggtt	ttnggccttt	840
taanaaatta	aaaggtccca	aaaattggnc	cncnntttng	aaccna		886

<210> 3100

<211> 886

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(886)

<223> n = A,T,C or G

<400> 3100

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cgaattcggc	acgagcagag	ctgtgatctg	ccccaggta	ttctgacccc	caaactggct	120
ctcaaccatg	tttacatgat	gaaaagaaga	ggtgactgtt	gtatcagctc	taaaggcctc	180
acttttgggtg	aaatgggacc	taaatttgat	tgcatacttg	attacttgct	gtcaatactg	240
aaattggcac	ttcataattt	taatactatt	gaactttcac	cataaccctg	tcctataaag	300
ttgacttgca	aatgaagaaa	ctctatctct	tcaatattat	aaaatatatc	caagagtcac	360
aactagttag	aaaaggacag	gatctaacta	acaatgtgag	gctgtgtctt	cacaccaatt	420
caacagagta	tcttgtaa	gttgagagga	gangtcttta	ggtcatgggg	tgtctttcaa	480
taaagtgtctt	tagaaaacag	gtgacaactg	gaattggggc	cttgagggga	ttgaatngga	540
tttaagccca	gggcaantta	aaattagggg	aaaagcngaa	ttccttcaag	gaaccgggat	600

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gntnnnttcn nttectttcn aatncttggc tactttcnnt ctctgnagga tcccatcgat      60
tcgaattcgg cacgagggag atccagatat tcttaggacc tgctgtttga acctgtgagg      120
catttcaaga atggagagtg ccattctgca gtcattcaag cagtagaaga cttggatttg      180
tctaaagttc ttccttttag tcgtcagcac ggtatcttaa acagccttga gatagtattg      240
aaaaacatta gtcattctgat cagcgcatat ctgccgaaga ttttgcanat actgctctgt      300
atgacagcaa ccgtatcaca catccttgac caacgagaaa agatacagct gagatttatt      360
aatccattga aaaattttaag acgtcttggg atcaaaatgg taactgatat ctttttggac      420
tggaatcat atcagtttag aacagaagaa attgatgctg tgtttcatgg tgcagtttgg      480
ccccagatca gcaggcttgg atctgagagt caatattctc ctactcctct gctgaaactg      540
atcagtatct ggagcnaaaa cgcangatat ttccttttgc tggctaaaca gaagccctgg      600
gcacccagaa tgtgatatcc tgaccaatgt ttttgcaatt ctctcagccg aaagaatctt      660
tctgatgccn acagccagta tttgtaatgg gacatangtt ggatgacctt ctttaacctt      720
ttccagaatt ncgagcctac nngaaccag gtttttc      757

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<210> 3097

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 3097

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gnttctaagt cttggngnt ttcaaannct tggcnnttt cnaatgcttg gctactngat      60
cttnttgcag gatcccatcg attogaatcg gcacgaggag ttttttgtga tattgaggca      120
ttcatacaga gctgcagtta gacgggggta cgggggctaa aagcagaaaa aaaattccat      180
ttcatcgga tggaactgaa ggattttatt ctataaagcg gccctgggtg aatctggcaa      240
ttctttttgc caagatccct agcagaagat ttagccatgt ccttccctc acttgtgtga      300
gtggccctt ctgaatctct ccagcagcca gaggcacgtg agaagcagaa agagctggta      360
aataaagcct tgggcaagcg acttcttaga tcagaactca ccaaattggaa gcctagcagc      420
tgctccataa acctagcccc attcttcata tcaattttgt ataaatatat agaaacacac      480
acacagctc agacttacia actgattata ctctaaaagt ttgtatgtca gttagctaaa      540
acttcagaat acattttctt cctataaaag agttttaaat gatggttaag ttcttcaagg      600
cagntnncna anggcctatt tntncccaa agggccctt gaacnnttng nccccatan      660
aaactggaac ccnccntttt tgntantana nccccctggg ggaagtgncc natttnnggg      720
gggttaaaaa cccggggggg tggccaanaa aaacnacacn ttntttttcc nattccann      780
cnataangag aagg      794

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<210> 3098

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 3098

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atgcttggct cttgntcttt ctgcaggatc ccatcgatc gaattcggca cgagcttcag      60
gaactagatg tatatgcaca agggattgag ttacactaa aactaggaaa tggagttttc      120
aatctatgtt cttgcctctt catactttta tttatttttt gtcactctgc cttatactgg      180
gctaacaatg agataaaaata aaaatacctt tgaatactct ttccctttc atgcatttaa      240
agccatggag gaactagacc attagctgtt gccgtcacat gcttagacac cagtttactt      300

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<221> misc_feature
<222> (1) ... (738)
<223> n = A,T,C or G

<400> 3094

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gccattctgc	agtcattcaa	gcagtagaag	acttggattt	gtctaaagtt	cttccttttag	180
gtcgtcagca	cggatatctta	aacagccttg	agatagtatt	gaaaaacatt	agtcattctga	240
tcagcgcata	cctgccgaag	atthttgcaga	tactgctctg	tatgacagca	accgtatcac	300
acatccttga	ccaacgagaa	aagatacagc	tgagatttat	taatccattg	aaaaatttaa	360
gacgtcttgg	aatcaaaatg	gtaactgata	tcttttttgg	ctgggaatca	tatcagttta	420
gaacagaaga	aattgatgct	gtgtttcatg	gtgcagtttg	gccccagatc	agcaggcttg	480
gatctgagag	tcaatattct	cctactcctc	tgctgaaact	gatcagtatc	tgaggcagaa	540
acgcaagata	tttccctttg	ctggctaaac	agaacctggg	caccagaat	gtgatatact	600
gaccaatggt	tttttgcaat	tctctcagcc	gaagaatctt	tcttgatgcc	cacagccagt	660
attgtaatgg	gccataagtt	ggatgacctt	tnttaacctt	tccagaattt	cgagccctac	720
cggaaaccgg	ttttggat					738

<210> 3095
<211> 787
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (787)
<223> n = A,T,C or G

<400> 3095

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tctctnctat	atcccatcgn	ttcgaattcg	gcacgaggat	tgtgacatgg	tgtaataaag	120
gtctacatgg	ngtaataaag	gtatacatgg	tgtaataaag	gatgtgggag	cacanatcca	180
taggaatttg	acagtnatgg	aattgcttta	ttattcangc	ccttcactct	cagactaccc	240
tgctctattt	gaataatgan	gcttgtggtg	gtctgtggaa	aantngacan	antagaattt	300
ggncagctgc	tgaangncac	ggncctctgga	atgagtccac	gtncacctan	ggacagtant	360
nccaaattga	nacnnaaact	tnagaaaaac	caatgtnatg	gggccaagca	attgggnagc	420
taggcccgcac	ctnatntttt	agngatthttg	aactcaatct	ttaanatect	gnaacagaan	480
gananaaagg	gtgnatattc	gngnaatgac	atncaagatc	tnactgcnet	ctnggctnct	540
anngatggnc	gaaaaantgt	gcncccaagg	tttnncccc	ntatttacca	ccttgcaccc	600
atgccatngt	ngacettaca	nntgnncaaa	aggcccttgc	ccnntgtgan	ancattcccc	660
tggnancttt	cccntaccng	ntgcectctt	taantccttn	attnaaaccc	tggggggtgaa	720
aatcctgana	aatntaantt	aanaatctng	ntaccttttc	cntananaan	aactaacctc	780
nagcccn						787

<210> 3096
<211> 757
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (757)
<223> n = A,T,C or G

<400> 3096

<210> 3092
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (759)
 <223> n = A,T,C or G

<400> 3092

gnnnnnnnntt nnntttcett ttcnaatnct tggctacttg nncttttctgc agggatccca	60
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aagccaagag agagccctca ccaggaacga ttggaccagc accttgatct tggattttct	180
agcctccaga acttacagta cgggtggctg gcaagatggc cgaataggaa gagctccagt	240
ctacagctcc cgcagagatc aacgcagaag gaacagcagt ctacagcgggt agcagcacia	300
gagatgattt acacaatgaa gaaagtacat gcactttggg cttctgtatg cctgctgctt	360
aatcttgccc ctgcccctct taatgctgat tctgaggaag atgaagaaca cacaattatc	420
acagatacgg agttgccacc actgaaactt atgcattcat tttgtgcatt caaggcggat	480
gatggcccat gtaaagcaat catgaaaaga tttttcttca atattttcac tcgacagtgc	540
gaagaattta tatatggggg gatgtgaaag gaaatcaaga atcgattttg aaagtcttgg	600
aagagtgcaa aaaaatgtgt acaagagata atgcaaacag gattattaaa gacaacattt	660
gcaaccaagg aaaagccnag atttctgctt tttgggaaga agantcctgg atatgtcnag	720
gntatattac caggtatttt tataaccatc agaccaaac	759

<210> 3093
 <211> 738
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (738)
 <223> n = A,T,C or G

<400> 3093

tctaattgctt ggctcttgnt ctttctgcag gatcccatcg attcgaattc ggcacgaggg	60
agatccagat attccttagac ctgctgtttg aacctgtgag gcattttcaag aatggagagt	120
gccattctgc agtcattcaa gcagtagaag acttggattt gtctaaagtt cttccttttag	180
gtcgtcagca cggatatcta aacagccttg agatagtatt gaaaaacatt agtcattctga	240
tcagcgcata cctgccgaag attttgcaga tactgctctg tatgacagca accgtatcac	300
acatccttga ccaacgagaa aagatacagc tgagatttat taatccattg aaaaatttaa	360
gacgtcttgg aatcaaaatg gtaactgata tcttttttgg ctgggaatca tatcagttta	420
gaacagaaga aattgatgct gtgtttcatg gtgcagtttg gcccagatc agcaggcttg	480
gatctgagag tcaatattct cctactcttc tgctgaaact gatcagtatc tggagcagaa	540
acgcaagata tttccctttg ctggctaaac agaacctggg caccagaat gtgatatcct	600
gaccaatggt tttttgcaat tctctcagcc gaagaatctt tcttgatgcc cacagccagt	660
attgtaatgg gccataagtt ggatgacctt tnttaacctt tccagaattt cgagccctac	720
cggaaaccgg ttttggat	738

<210> 3094
 <211> 738
 <212> DNA
 <213> Homo sapiens

<220>

gaacttaaga	aagagacttg	tggttcaggca	ggttttcagg	acatgaacat	aaaaaaacag	480
attcaggaac	agcaccaggc	tgccattatt	attcagaagc	attgtaaagc	ctttaaaata	540
aggaagcatt	atctccacat	tagagcacag	tagtttctat	tcaaagaaga	tacagaaaac	600
taactgcagt	gcgtcccaag	cagttatttg	tatcagtctt	attacagagc	tttaagtcca	660
aagatatcaa	atatgcacgg	gctgcacact	aatcagtctt	ctatca		706

<210> 3090
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (763)
 <223> n = A,T,C or G

<400> 3090						
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agccccactc	ggggatatgt	aatgcccagc	tggaagaagg	agtgcccatc	ttcacaaagc	120
agcgcatgga	cttcacccct	tccgagcgca	ttaccagtct	tgctgtctcc	agcaatcagc	180
tgtgcactag	cctgggcaag	gatacactgc	tccgcattga	cttgggcaag	gcaaattgagc	240
ccaaccacgt	ggagctggga	cgtaaggatg	acgcaaaagt	tcacaagatg	ttccttgacc	300
atactggctc	tcacctgctg	attgccctga	gcagcacgga	ggctctctac	gtgaaccac	360
ttgagaaggc	tgcctcctag	gctctgctca	gtcatcttgc	aattgccaca	ctgtgaccac	420
gttgacggga	gtagagtagc	gctgttggcc	aggaggtgtc	aggtgtgagt	gtattctgcc	480
agcttttcat	gctgttcttc	agagctgcag	ttatgccaga	ccatcagcct	gcctcccagt	540
agaggccctt	cacctggaga	aagtcagaaa	tctgacccaa	ttcacccctt	gcctctagca	600
cctcttctgt	cctgtcattc	ccacacacgt	tctgtttcac	ctcgagagag	agagagagag	660
agcaccttct	tttcgtctgn	tcacttttgc	gggctntgga	atnccagctc	ttctctntca	720
gaagaagcct	tctcttctct	tgcctttagt	gtgtnccaaa	agt		763

<210> 3091
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (774)
 <223> n = A,T,C or G

<400> 3091						
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tcgattcgaa	ttcggcacga	ggaggatctg	ccttctgagg	aagtggatca	agagctgatt	120
gaagacagtc	agtgggaaga	aatactgaag	caaccatgcc	catcgagta	cagtgtctatt	180
aaagaagaag	atctcgtggg	ctgggttgat	cctctggatg	gaaccaagga	atataccgaa	240
ggtcttcttg	acaatgtaac	agttcttatt	ggaattgctt	atgaaggaaa	agccatagca	300
ggagtatta	accagccata	ttacaactat	gaggcaggac	cagatgctgt	gttggggagg	360
acaatctggg	gagtttttagg	tttagggcgc	tttgggtttc	agctgaaaga	agtccttgct	420
gggaaacaca	ttatcacaca	tactcgatcc	catagcaaca	agttggttac	tgactgtgtt	480
gctgctatga	accccgatgc	tgtgctgcga	gtangaagaa	caangaaata	agattattca	540
gctgattgaa	gcaaaagcct	ctgcttattg	tatttgccaa	gtcctggttt	gtagaantgg	600
ggatacttgg	tgctccagaa	gttantttta	catgcttntg	ggaaggcaag	tttaccgat	660
ttncatgggg	aatngttctt	tcaantncca	ccaaaggatt	gttgaaagcc	ttattgaact	720
tttgcaaggg	anttccttgg	cccacaattt	ganggaatta	ttgaccttcc	tttg	774

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agaaatcaat tgtctttcat tgaatcaaac ggaaaacctg ctggcttctg ctgacgactc 180
tggggcaatc aaaatcctag acttggaata caagaaagtt atcagatcct tgaagagaca 240
ttccaatata tgctcctcag tggcttttcg gcctcagagg cctcagagcc tgggtgcatg 300
tggactggat atgcagggtga tgctgtggag tcttcaaaaa gcccgaccac tctggattac 360
aaatttacag gaggatgaaa canaagaaat ggaaggccca cagtcacctg gtcagctctt 420
aaaccctgcc ctagcccatc ctatctctgt ggcttcgtgt ggtaatatct ttagttgtgg 480
tgcagaagat ggtaagggtc gaatctttcg ggtgatggga gttaagtgtg aacaggaact 540
gggatttaag ggccacactt caagggtatc ccagggtctgc tttctcccag aatcctatct 600
gctgctttac tgganggaat gatggggaag atcaccgttt gtgggggatgc caaacagtgg 660
aagtttgaag aaaaaaccag aagaagtccc cacaaaaccg taccacaggg gaagaaaccc 720
taaaggangg acnttgcacc aaagcagggt gggaaaatcc tnacgcctta agtnaccgga 780
tgaggggaa 789

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<210> 3088

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (767)

<223> n = A,T,C or G

<400> 3088

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ggcacgaggg ccaaagaggt gctacatgca ttgaaagaaa aggttacttc actacctgac 120
aaccataaaa atgcccttgc tgctaacata gatgaaattg tatttacatc aacaggagac 180
atctccattt actatgatga gaaaggaagg aagtttggtta acatcctgat gtgcttttgg 240
tatctaacca gtgccaacat cccagtgaa actttaagag gagccagtgt attccagggt 300
aagttgggga atcagaatgt ggaaactaaa caacttctta gtgcaagcta tgagtttcag 360
agggagtcca cacaaggagt aaagcctgac tggaccattg cacggattga acactcaaaa 420
ttattagaat aattttcttg gaaaaatcag cttatggact ttagcagttg ctgtgaaaaa 480
ctaagggaaga aaaatttttg ggtcatttga tcttcactta atctaagtct gtgaattact 540
tttatattat ttgaaatac tccttgagc atattggcat gatacagtaa aagcattttc 600
cacaganttg gtatcacctt cttaaaagaa gncaaaaatt taaaaaattc caatagcccc 660
gttggttggg gtcattattc ataacatttn caatgctaca tataatttta tagacttata 720
aagaaggtn tgaaaaaaaa aaaannnnnn nnnnnnnnnn nngnnnn 767

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<210> 3089

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (706)

<223> n = A,T,C or G

<400> 3089

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naatncttgg ctcttgttct ttntgcagga tcccatcgat tcgaattcgg cagcagaatg 60
caaagggctg cagttctcat tcaggctact ttcaggatgc acagaacata tattacattt 120
cagacttggg aacatgcttc aattctaatt cagcaacatt atcgaaacata tagagctgca 180
aaattgcaa gagaaaatta tatcagacaa tggcattctg ctgtgggttat tcaggctgca 240
tataaaggaa tgaaagcaag acaactttta agggaaaaac acaaagcttc tattgtaata 300
caaggcacct acagaatgta taggcagtat tgtttctacc aaaagcttca gtgggctaca 360
aaaatcatat aagaaaaata tagagcaaata aaaaagaaac agaaagtatt tcaacacaat 420

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<400> 3085

ngttaantan	atccttgcac	tggcggatcc	ctcgattcga	attcggcacg	agattttaaag	60
tattagccaa	cctcttcagg	tattagcctg	aagataaatt	ttaacaaaac	atatacactt	120
gggtatccgt	cattgctcaa	actctatagt	gtattgctgg	agccaatagg	caggggtatat	180
tttattagct	aaatttgata	tttgtcttct	gccttctgta	tcacctccaa	gctataggaa	240
atcaggattt	tgttggtttt	aagaaaaaac	atggtatggt	cactgtatat	taaatatacc	300
tgtatttaaat	gttttctctt	aggacagaaa	agtagacaca	cacacacaca	cacacacaca	360
tgttggtgttc	agctttctgt	tttatattat	ttgccattga	gattagaata	gaacaggctc	420
tattcatgca	aactatatga	aatgaaaaaac	ttttaagact	cttcattaat	tggagcttct	480
gggcaacatc	gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	gtgtatacag	acattttttt	540
tttaacttgn	tgattcanat	gtcttgggtcc	ctgaatagtc	ctagattact	tatttttgaga	600
attcattggt	aaaattacag	ggaattaaaa	taattgcctt	ttttttagan	ggtaaganat	660
gggtagaaga	ntatgcctnt	gnaaatttat	tagntattct	tgtggagaat	nccagaaaat	720
gggtatttgc	ccatgctaaa	tatganatan				750

<210> 3086

<211> 954

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (954)

<223> n = A,T,C or G

<400> 3086

tnnnnnnncc	ggnttctnnc	tcacgantnt	ngcatgcatt	tganagcatt	natcgattcg	60
aattcggcac	gagctgcgt	atcagcgcaa	agaacctccc	gttagtgcca	ctgacccccc	120
ctnccccccag	ccccacagct	gggtctggct	gggcactgac	caggaggaaac	tgagcccgcca	180
gctggaccgg	cagtcacctg	gcccgcacca	gggggagggg	agctgccccct	gtgagagtgg	240
gggangaggg	gaggcccccta	ccctggcccc	tggccctcct	gggggcacca	ccagctnctc	300
aagcacnctg	gcccgaagg	aggctnntng	ggcggctnaa	gcgagtana	tttgtgacat	360
ttgcnccag	cccttcagcc	cagnnacctg	aggagcctgt	aggggccccct	tgctgtgcag	420
taccatnctt	gtggcaggcg	acgaggacat	ccgntgngtg	tgtnaaggac	atggngcttg	480
aaggaccctg	angaagcttc	nnaaactaca	tngagaggat	cccngggcaa	ctttcttgac	540
nctgcaanan	acaaccttgg	tcaagccccc	ncaacttggg	gcaaacgann	nggtgngaag	600
ggtttcccaa	cttgagcccc	tttttccgtc	cttgccccctc	ggnccanttt	cgtttttngg	660
tagccttggg	ttggaattcc	caagntcccc	cttggccttn	ngtntnctc	ncnnancaaa	720
nggggacntt	taccnatttn	cnaagggcnc	ncccnntntt	tgggccccntt	ggcccccnnt	780
ttggggccat	tggggaaacc	aaatgggggt	cnnntnnaaa	ngngnaaaaag	gggcctttca	840
attggccncc	ccntttaaaa	atttnaaatg	gggggaaaac	ncccttttta	tcntatttnt	900
cttaaaccn	gnaanattta	aaaaccnnn	atnnaaaggg	gaaaaaaaaac	cccg	954

<210> 3087

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (789)

<223> n = A,T,C or G

<400> 3087

tnnccnctaa	nnttnatgcc	ttngttnttn	cntccntttt	gcaggatccc	atcgattcgt	60
tagtgactg	gatgtcaggt	ccctcaaaga	ttccttggac	cattttcatg	tgaatgaaga	120

<221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

<400> 3083

tnnnngnttaa	ncccttctct	tgccttttgc	ggatccctcg	attcgaattc	ggcacgagcc	60
aaggagtttt	ccaccogtct	ctcatggtca	cagcgctagt	cattcatttt	tgagaagttg	120
cttctttttac	atcagaaaac	cagtcaatca	tatggagact	tcttttgtga	tgaaaaaggg	180
ctttagaagt	taaatacatg	catgcacatg	aaaacatgca	caaccacagc	ctcaatcttg	240
tatttagttt	ggggaaagag	aagagaattt	cctgtggatt	atTTTTtctt	caagtgcacc	300
tctctggtta	acccaaactc	tgcaagaaag	cactgtgact	aaaacataca	taacgcctgc	360
ataaatattc	catggtttca	gttaaatttc	agtttttagc	ctttacacat	gaggtcaaag	420
gagtgcgaa	aatacaaagc	aaggaaaaaa	tgaaatatct	ggtttttgct	gaatgcttaa	480
tttatttttt	actgtgccac	tccaatatatt	atcaaatacca	aatagcatga	atgcttctct	540
gtagtaatac	taattttgtg	ccttttgtct	gctttcttaa	gaccagttgt	tcacactttg	600
taggatatta	gacaaatata	tttcgattga	attccacaac	taaanaaaaa	aaaaacttnn	660
agcctnttag	aacttttagg	gaggtcgat	tacggtagat	ncanaccatg	gataaggata	720
cattggatga	attttggaca	aaccccaacn	ttggaatgcc	ntggnaaaaa	aatgcttttt	780
t						781

<210> 3084
 <211> 787
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(787)
 <223> n = A,T,C or G

<400> 3084

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aacgttctca	ggttgaccag	ctgctgtnta	tttctttaag	ggaggaagaa	cttagtaagt	120
cattgcagtg	catggataac	aatcttctgc	aagcccgctg	agcccttcag	acagcttatg	180
tggaagttca	gaggctactt	atgctcaagc	agcagataac	tatggagatg	agtgcactga	240
ggacccatag	aatacagatt	ctacagggat	tacaagaaac	atatgaacct	tctgagcacc	300
cagggtttgg	atagaaatgg	taccccttgt	tcaaaatgaa	caagaagcct	tagatttgga	360
tggggaaacct	gatctgtcca	gtctanaagg	attccantgg	gaaggtgttt	ccatttcctc	420
gtcccttggc	ttggcaagaa	agcgaagcct	ttctgagagc	agcgtgatca	tggacagagc	480
tccttctgtg	tatagcttct	tcagtggagg	aggtacaggc	aaanaaaatg	agccccagca	540
gatggttcac	ctagtaactc	attgagggct	tggacagagc	cagaaagcaa	cccattgcac	600
ctttaaaaca	agaagtgaca	cctnggggct	tgccttncct	tcccgaacan	gtggaaaagg	660
ggcttgaaaa	tggtgcttcc	ccaaangggc	acntagtnca	ccaattatcc	tctgancata	720
ttaatacctt	tgatngcatt	ttggccaaaa	agacttgacc	agncaaggaa	nagggctatt	780
ccccccc						787

<210> 3085
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

<211> 812

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(812)

<223> n = A,T,C or G

<400> 3081

cttatnnant	actccgtctc	taaagccttt	ntcngattcg	aattcggcac	gagggaaaca	60
gctgactgcc	actgaaagaa	tnagcagttt	taggggacta	gctcctatgg	gagataaagg	120
tcagaaatcg	tagtatctga	tgaagatatt	ttgatgagca	ggtgagaaga	aagataaaca	180
tgccagatg	gccaaaggact	gggataagta	gccgtttcac	attcaattag	aattctgtgg	240
ctggaataag	atcagggaga	gcagtaggaa	gatatagtat	totataattc	atagcttggt	300
gtgtagaga	ttaattagga	ttctgctggt	gaatcttagt	acaaaaaaat	ctaattattta	360
ttaggaatta	aggggaagatg	gtacttctgt	tatgttgcct	aagcagacag	gaagctacaa	420
gaacaccagt	ctgaagcagt	gcctcaggat	ctcagatgat	ttaggaagtg	tgctgtaatg	480
tcaaaaaaaaa	aaaagtattg	tcttttagtat	atctatgtat	agtctcgtgg	gaaaagcatt	540
gggtgtggta	tcaacagata	ttctggggtc	cagatgtctt	gnaagttaac	ctgcctccca	600
tttccctttc	tgtaaagcca	aaataattgg	ttttaccacc	ctaaatctgg	cctctcaagg	660
gattnccatt	ntttaantna	aaaaattatg	gtcctantna	aagtgccaaa	aaaaaaaaann	720
nnnnnaaaaa	aaccttngga	gnccctnttt	anaacctttt	tngtgagggt	ccgnatttac	780
ccttnnnaat	ncccggaacn	ttggattaag	gt			812

<210> 3082

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 3082

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ctgtcgggtat	tccttgggtat	ctgantnaaa	taccaaatag	taccatacat	gagttatttc	120
taagtttgaa	aagtaaaaag	aaattgcatc	acactaatta	caaaatacaa	gttctggaaa	180
aaatattttt	cttcatttta	aaactttttt	aactaataat	ggctttgaaa	gaagaggcctt	240
aatttggggg	tggttaactaa	aatcaaaaaga	aatgattgac	ttgaggggtct	ctgtttggtta	300
agaatacatc	attagcttaa	nnntncngac	aanngcntnt	gtaatgntgt	aactgctggt	360
aatattnant	gctntngtnt	gagcnacctn	antntgaaca	gatgngtcag	cctgcatgct	420
ggacatgcct	canaaccatg	aatagcccg	actagatctt	gngaacatgg	atcttagagt	480
cacttttgaa	taagtnctta	tntnaatacc	cncagccttt	tgagaacggg	gcttggttaa	540
ggacncttat	gtagggcccc	tacctactgn	cagttgggtt	cangnaaatg	ggattgactt	600
tggncttaag	ntccttggtc	ataatttttt	aaaatatggg	antnggaaaa	cccccaaaga	660
atggaatgga	ctcttnaaaa	cantgaaaag	acccttatcg	gttgncctt	ggaatgtaga	720
atttggnnnt	nggnttnctt	aattctgctt	ggtnaaaggg	gncagttt		768

<210> 3083

<211> 781

<212> DNA

<213> Homo sapiens

<220>

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agtgggactt aatttttagaa tattttacttt agttacataa attttatagga aattttttatt 660
cccatttnca aaatatggga cagccattcc aacatcatgt catagttaca cggnaatcaa 720
gtccccantt acaacttaca ccanccecggn attttaatca cagtcaacca acnt 774

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<210> 3079
<211> 754
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (754)
<223> n = A,T,C or G

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<400> 3079
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tgggatttcc ccacgttgcc caggctgggc tcctgagctn aaagcaatcc agattgctgg 120
gattacagct gtgagccacc gtgcctggct gagatgactt ttaaaaaaag acttctctaa 180
agtagaagga aggggtggaat tgtatgcaca agaagaaaaa aacctggaag aaaaacatac 240
taaagaggct ggagtgcaat ggcgcgatct tggctaccgc aacctccgcc tcccgggttc 300
aagtgattct cctgcctnag cctcccagggt agctgggatt acaagcatgg gccaccacgc 360
ctggctaatt tgtattttta gtagagacgg agtttctcca tgttggtcag gctggtctcg 420
aactaccgac ctccaggtgat ccaccacct cggcctccac agtgctggga ttacaagcat 480
gaaccaccgn gcccgggctc ctgttccagt tttctataat ctggtcatat tatattctgg 540
gtatatgtgg gtggtgtgat tatccatgtg gtcttatttt cacattcttt gcattaacta 600
taatgactta atgttttaag ataagtttca tttcttcaaa agatgtatgt ncaataacctg 660
ggtatcaggt aacaatctta aaaaaactta ttcattttaa aattaacctt taaaattagc 720
cattccaatt naacattaag ganggttgng agga 754

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<210> 3080
<211> 785
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (785)
<223> n = A,T,C or G

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<400> 3080
cnacnaattn acanmtcact tncctnctngc nctnntngca tncgattcga attcggcacg 60
agggtgaatgc tgtgcctgtg gcccacactg tgtgtgatgt cgccagaacc cagccgactc 120
cttcagagaa agctgcagga gtccctggagg gggcccttgg gccacatgtt gtcactaacc 180
tttatctcta tccaatcaaa tcctgtgctg catttgagggt gaccagggtgg cctgtaggaa 240
accaagggct gctatatgac cggagctgga tgggtgtgaa tcacaatggt gtttgcctga 300
gtcagaagca ggaaccccgg ctctgcctga tccanccctt catcgacttg cggcaaagga 360
tcatggtcat caaagccaaa gggatggagc ctatagaggt gcctcttgag gaaaatagtg 420
aacggactca nattcgccaa agcacgggtct gtgctgacag agtaagtact tatgattgtg 480
gagaaaaaat ttcaagctgg ttgtcaacat tttttgcccg tccttgtcat ttgatcaaac 540
aaagttcaaa ctctnaaagg aatgcaaaga agaaacatgg gaaagatcaa ctttccttgg 600
tacaatgggc cacccttttc tctgtgaatg aangccnng tatctgnttg atcaacacat 660
tccagtattt ttggaacttc accgggnaac ttnaaacacc cattgatgan aatgggaaan 720
ganggaatta tttttacttg aaaggatctt naccttgctt tttcgtgccc aatattttatt 780
ancan 785

```

```

<210> 3081

```

```

aggagacagg aaaagtcttc cgttttgagt catgagtagg gcaatagaca aggttctctt 360
caaaaccatc attagtttgg ctttaagaaa ccagtagcta gctgctatct ataggtgag 420
ggggtgctgc ctggtaacag aatagctcca caccacagct tgagattttg tttagtttca 480
ctgtgtgagc tttcataaag tctgttgcca ttccatctct gtgttaacac ttcataatctt 540
tatgaaattc agataatttg tgagaggctg gcatggatct aaggatttat tattttttatt 600
ctagtccttc aagttcaatc gcagttttat actaggacct tttaggatgg tncataaaat 660
gtgtggactg tttgnccttg anttaaaagt gccacttttg gccctggggc atggngggct 720
tcatgcctat taatcccagc acttttgggg aggnccaagg ccggttggtc tcactttgan 780
gctaaggaaa ttc 793

```

<210> 3077

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (763)

<223> n = A,T,C or G

<400> 3077

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nctcnantan ctatngcttg gttncctgnt ctntctgcag gatcccatcg attcgttcga 60
gtgcaagctc cccatctttc gaaagtttcc atggcaatac agctaactga agaactaaaa 120
gccagtgatg tacttgccag gtttctcagc caagaaagtg ggggtgcccc gactctcaag 180
aaaggagaag tttttttgta tgaaattgga ggaaatattg ggggaacgctg ccttgatgat 240
gacacttaca tgaaggattt atatcagctt aaccctaatg ctgagtgggt tataaagtca 300
aagccattgt agaagactta acaagctgca gataaccatg tggacttctg tcataattct 360
tgctgagtca agagtgtaaa taaaagaaat ggcaggactc atattattca gttgtaccca 420
agtatttaaa aatgactctc ttaagcctta aaaagtcata gatttgtgct gctgccagaa 480
ttatattaat tattattaat gttattatta gaaaaaaaat ttctggagtg agagtaaaga 540
ggcttaatta gtttgtgggc agttttcata tgctctgtga aatgtgtcca gatgtgacat 600
agtttttttt taatatgttg aaagtcttct cttcccatc ttttctccta aaatcatata 660
tactgnaata tatgtctct nactctatta cttcttaca tctacccttt ccanttangt 720
ttgctttttg cccaaaagat accaattcca ngtttggaag ttg 763

```

<210> 3078

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (774)

<223> n = A,T,C or G

<400> 3078

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ntnnnnngtt tgnetannaa gnctttgctc ttgntctttt tgcaggatcc catcgattcg 60
aattcggcac gagagagact agtctcgagt tnntttnttt tttttttcac aaataaacca 120
actttaatag atnttattn gtatttatat agtgccttct tcaagaacct taaatgcttt 180
acagacatta tctctaatta atccccacaa caaccctgtg aggtaggtat tactcccat 240
ttacaagaca ggganactga agcacagaga ggtaagtga cttgccccag gtcacacagt 300
taaattcact gaagagccag gacatgagcg ctttagcntc ccanntccca gccnaatacc 360
tcatgataga atctttaata aaaagtgttt ntaaagaaag tatcacgagt agttatgtta 420
tgaaaatgag gtctttntac tgccatcaag gaaagaaaaa accctatact gatgggttaga 480
ggccccaaaga cccacataat acaacatttn cctctttccc tgttccnaag cntcctgggt 540
cctgtcttaa ataacttttt aaaggtnaaa tttccaagac agaagccatg tgacttaaga 600

```

<400> 3074

```

ntttataant ntnatncett nctcttgntc tttttgcagg atccctcgat tcgaattcgg      60
cacgaggaac aagcacagcc caagccagat gtacagcaca cacagcatcc catggtggcc      120
aaagacaggc agcttctctac cttaatggca cagccccgc aaactgtagt acaggtgctt      180
gcagtgaaaa ccacgcagca gctccctaaa ctgcagcagg ctccgaacca accaaaaatc      240
tacgtgcaac cccaaacccc ccagagccaa atgtcgctcc cagcttcttc agagaaacag      300
acggcaagcc aggtggagca gccaaattata acccaaggat cctctgttac aaagataact      360
tttgaggggc gccagcctcc cacagttaca aagataactg gtggcagttc tgtgcctaag      420
ctgacatcac cagttacaag catatctccc attcaggcct ctgagaagac agcagtgctc      480
gacattttga aaatgtcttt gatggaagct cagattgata caaatgtaga acatatgata      540
gtggatcccc caaagaaggc tcttgccact agcatgctca ctggtgaagc aggatcatta      600
cccttcacc ccatgggtgg tgcagggatg gcgaattcca cttcccagca acagaaatgt      660
agagagtcc ttcgagttc attcaccgnt ggctcttctc taacgacaag gaaaatttga      720
tccaccanca gtgccttgcn acanggccan ttnatgcgta tttcanaatg t              771

```

<210> 3075

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 3075

```

atnngaagga aacaatnntc ctctgtgctc tncntgcagg atcccatcga ttcggggccgg      60
ttattctctc ttacagata gctatagaca tcatttttagg aagtgttgca gtctggcatt      120
tgtgtctatt ttcattctct gtgaaggctg ttcatagttg ctatagcctg tgttttagttt      180
tgtgatttca tcaatcccat cttctctgtg gagtaatgca ttctaaacat cctacccac      240
tttagaaacg gacgtgggga acgcttggtc atttaagcca acaataaatt taggtgaatg      300
tccctaagtg tttactgntt ttatccagtc aaggatttgc ttttccttga acatttggtt      360
taaattcttg ggccaaaatg caaaggagaa gttctattca aaggcagtag ttgaaatcta      420
ttatttttag tagcctactt ggcatttact acatcgggtca cttctccagg ctgccctaaa      480
ttaggttgat ggagtgagac atgccaaaca tccaccttgg ggaccatagc atagntaaaa      540
ttaaattgtag ttggaatagc tagcattgca gctacagtag ggaactgtag tctanttccc      600
taccgaaaac ccaaggagta agggacagga ttttgcctag gcaaaaatct aagactcgtg      660
cccttctggt acatggggnt taagactgaa tgtgtaatag gagactgctt tgccaatcaa      720
atgatgacag gtactgaaat ngcaatccat t              751

```

<210> 3076

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(793)

<223> n = A,T,C or G

<400> 3076

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ntnnnnngtc taataattcn nnttctttgc nctctccatg caggatccca tegattcgaa      60
ttcggcacga ggagaggttc acagccacca agaaagaagt ttgcgtgaag ttctccagga      120
ctatggaaac cttacaggat actgacttag aacctctgtt ggaatgtggc tgagtcaaag      180
cctcctgttg ttgttagggg tatctacagt aaggagatga tacttcagga gattatattt      240
cactcaatga tctttttctca tttcagggct cttctcaaat aagctaaaag aaaaaggatc      300

```

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 3072

cactganctn	ctatccttct	tcnttgcagg	atccnatega	ttcgaattcg	gcacgagatc	60
ctgtcgggat	tccttgggat	ctgantnaaa	taccaaatag	taccatacat	gagttatttc	120
taagtttgaa	aagtaaaaag	aaattgcatc	acactaatta	caaaatacaa	gttctggaaa	180
aaatatTTTT	cttcatttta	aaactTTTT	aactaataat	ggctttgaaa	gaagaggctt	240
aatttggggg	tggtaactaa	aatcaaaaga	aatgattgac	ttgaggggtc	ctgtttggta	300
agaatacatc	attagcttaa	nnntncngac	aanngcntnt	gtaatgntgt	aactgctgtt	360
aatattnant	gctntngtnt	gagcnacctn	antntgaaca	gatgngtcag	cctgcatgct	420
ggacatgcct	canaaccatg	aatagcccgn	actagatcct	gngaacatgg	atcttagagt	480
cactttggaa	taagtncctta	tntnaatacc	cncagccttt	tgagaacggg	gcttggttaa	540
ggacncgtat	gtagggcccg	tacctactgn	cagttggggt	cangnaaatg	ggattgactt	600
tggnccttaag	ntccttggtc	ataatTTTT	aaaatatggg	antnggaaaa	cccccaaaga	660
atggaatgga	ctcttnaaaa	cantgaaaag	acccttatcg	gttgncctt	ggaatgtaga	720
atttggntt	nggnttntct	aattctgctt	ggtnaaaggg	gncagttt		768

<210> 3073

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 3073

tcnctcctna	aatcggttggc	gctctcttgc	aggatccctc	gattcgaatt	cggcacgagc	60
tctcaaatag	aaatgggaga	taagaaatat	atctgtgcaa	tattaaattg	aaaaaaaaaa	120
cccataaaaa	gtgtcaaagg	caaataattt	gctctagatc	acaaaactag	ttagcacaag	180
gctaggatta	taaccagggg	ctaggaaaaa	atcctgaagg	tgatttaact	gagtgttagg	240
ccctgtcaag	ccacctgcta	aggctcatgg	tctttcagac	tagcttcaac	attccaaatc	300
aggcaatagc	tacaacggaa	agataattgg	acggggaatc	ctgagatcag	agtcctagtt	360
tggctttgtc	tcttgtagca	ggatttttta	aatcaggggc	agctctcttc	tcccatccca	420
gccatgaatc	tttcaacctt	agtggtcacc	aacttgactc	cattccttat	atcaagcctt	480
gtcctgtcaa	ttctccctta	aatgttagtt	gcateccattt	ctaaatatat	ccatggccat	540
caccctagta	aaaagactat	tacctcacac	cccgcacttg	atcttcccc	aactttaagt	600
gactcagttc	cttatatcac	tgccacaaga	attaacaccc	atgtccatct	tttcattttc	660
tgctgaaaga	ttttcagtg	ttcccacttg	aatnccaaat	aaagttcgaa	tccttanana	720
tggcattcac	agccttntac	ttctggnccc	acttttatnt			760

<210> 3074

<211> 771

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(771)

<223> n = A,T,C or G

atagtgcgtc gtnttccgta gatccagaca tgataa

756

<210> 3070
 <211> 788
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(788)
 <223> n = A,T,C or G

<400> 3070
 gnnttnnaan ttaacagctc tcgtnctttt tgcngatccc atnnattcga attcggcacg 60
 agtgatgcct tagtcacttg gccacacagt tttgtggttt acgagtcatt ggaattgctt 120
 gtcttactct gactgctaaa gttctgtcct attgtctttt catgtaatag caacatgact 180
 ctgatgacaa agcccaacta attacacaac ttaatttaat agtttaaagc gcaaagggca 240
 ttccctgagc agtaaaatct tttgtttgga aattttaaaa caaattatat tttactttat 300
 gttttatatt tacntaata agtatttaca agaacacaat tttctcaaga tttaaactgc 360
 tcattgttcc ataaatagga cacacattta gaaagaggat ttttttttaa aggaatattt 420
 tagtgattac ttctggctaa aaacatgaaa ctcttttagt gcttgatgtt actggaaact 480
 tgctctagat tattttttga atctttgctg ngagggtaaa aatagaaatg ttttcctccc 540
 aattattgct ttgaattaaa attttgtgtc tgggtgaaat ttctctggc ttaatgcatg 600
 accaggctgg tagaaaatgt ttcacctaaa tctctctatt tttggtaaaa cattcataat 660
 nccaaaccct aatagtttgg naaggcatgt gataattggt aatccnctn ctgtctcan 720
 tttataaatt ccctgacaa cagccctgct taanaatata acctacttct ggttgattt 780
 cttncogn 788

<210> 3071
 <211> 744
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 3071
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 aacacacatc acagtatgct ctcagaaatt tctttatttg aaccctatac caatatctgt 120
 tgatcaatga ccattttttg ctagcatgga gaaacagtgc cctgcatgaa gggtagtgag 180
 aataaaaagg atcttaccac ctttatcatg aggggtggctt tgctctctcc attccaagtt 240
 gttctctgtt ctagaaagca gatgtagtag acatctactg tttttgccta aacagaatcc 300
 ctttttcctt tttttgttaa agtactcat ccctaataat acattgttct ggaaggactg 360
 aaaataacag aactcagcac catgatcgga ccgggacaat cagattattt cattcctcag 420
 caaacggaga tcgatccgaa aagtggaaat atgagctctt ctttggtgtt ggcataatgga 480
 ccctgagaga aagaacttta atttttctc ttggactgca ataaagtata gctgcctaaa 540
 ataccgtttc ctgacacttg gaggtttgcc acaatcgggtg aaataaaggc aagacgtaac 600
 actggatgaa aaaaaaaaaa nnnnnnaaaa aaactcgagc cntagaact atgtgatcga 660
 ttcgtagatc cagaatgata gatcattgtg agtttggaca accacactng atgcagtga 720
 aaaatcttat tngnaattgn gatn 744

<210> 3072
 <211> 768
 <212> DNA

tgaaaataac	agaactcagc	accatgatcg	gaccgggaca	atcagattat	ttcattcctc	420
agcaaacgga	gatcgatccg	aaaagtggaa	atatgagctc	ttctttggtg	ttggcatatg	480
gaccctgaga	gaaagaactt	taattttttc	tcttggactg	caataaaagta	tagctgccta	540
aaatacgttt	cctgacactt	ggagggtttgt	ccacaatcgg	tgaaataaaag	gcaagacgta	600
accctggatg	aaaaaaaaaa	nnnnnnaana	aaaaaactcg	agcctntaaa	ctatagttag	660
tcgattcgta	gatccagaca	tgatagatcc	ttgatgagtt	tggaacaacca	cactngatgc	720
atgnaaaaat	cttattgnga	attggggag				748

<210> 3068

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (748)

<223> n = A,T,C or G

<400> 3068

gnttgaatcc	ctnncanatc	netttggntgc	aggatccctat	cgattcgaat	tcggcacgng	60
annacacaca	tcacagtntg	ctctcagaaa	tttcttttatt	tgaaccctat	accaatatct	120
gttgatcaat	gaccattttt	gtcagcatg	gagaaacagt	gccctgcatg	aagggtagt	180
agaataaaaa	ggatcttacc	acctttatca	tgagggtggc	tttgcctctc	ccattccaag	240
ttgttctctg	ttctagaaag	cagatgtagt	agacatctac	tgtttttgcc	taaacagaat	300
ccctttttcc	tttttttggt	aaaagtactc	atccctaata	ttacattggt	ctggaaggac	360
tgaaaataac	agaactcagc	accatgatcg	gaccgggaca	atcagattat	ttcattcctc	420
agcaaacgga	gatcgatccg	aaaagtggaa	atatgagctc	ttctttggtg	ttggcatatg	480
gaccctgaga	gaaagaactt	taattttttc	tcttggactg	caataaaagta	tagctgccta	540
aaatacgttt	cctgacactt	ggagggtttgt	ccacaatcgg	tgaaataaaag	gcaagacgta	600
accctggatg	aaaaaaaaaa	nnnnnnaana	aaaaaactcg	agcctntaaa	ctatagttag	660
tcgattcgta	gatccagaca	tgatagatcc	ttgatgagtt	tggaacaacca	cactngatgc	720
atgnaaaaat	cttattgnga	attggggag				748

<210> 3069

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (756)

<223> n = A,T,C or G

<400> 3069

ggnnnnnnntc	ttttcnaatg	cttggctctc	gttctttntg	caggatccct	cgattcgcaa	60
gagagagtga	tagaattggc	agtgaaatat	acgaaccacc	ctcctgccct	ctgggttcac	120
aatacgtgta	cacttgactg	tgaagtggct	gtgagagtgg	gtggagagtt	cttctttgac	180
cctcagcctg	cggatgcctc	tagaaacctc	gtgttgattg	caggaggagt	cggaattaac	240
cctctgcttt	ccatcctgcg	gcacgcagca	gatctcctca	gagagcaggc	aaacaaaaga	300
aatggatatg	agataggaac	aataaaaacta	ttctacagtg	caaaaaatac	cagcgaactc	360
ctgtttaaga	aaaatatcct	tgatttagta	aatgaatttc	ctgagaagat	tgcatgcagt	420
ttgcatgtta	caaaacagac	tacacaaatc	aatgcggaac	tcaagccata	catnacggaa	480
ggaagaataa	cggagaagga	gataagagat	catatttcaa	aagagacttt	gttctatatt	540
tgtggccacc	ttcaatgaca	gactttttct	ccaagcaact	ggaaaacaac	catgtcccaa	600
agaacacatt	tgctttgaga	agtgggtgga	ggaggcagac	aaaggcagaa	aaaattaaga	660
ggtgagatct	actcaggaga	gctcaaaann	aaaaaaaaaa	aaactnggac	ctntagaact	720

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cgnttaaann ccttcactcn ntogtttgaa gncnnttggc gattcgaatt cggcacgaga      60
taacacacat cacagtatgc tctcagaaat ttcttttatt gaaccctata ccaatatctg      120
ttgatcaatg accatttttg ctcagcatgg agaaacagtg ccctgcatga agggtagtga      180
gaataaaaaag gatcttacca cctttatcat gaggggtggc ttgctctctc cattccaagt      240
tgttctctgt tctagaaagc agatgtagta gacatctact gtttttgcc aaacagaatc      300
cctttttcct ttttttgta aaagtactca tccctaatat tacattgttc tggaaggact      360
gaaaataaca gaactcagca ccatgatcg accgggacaa tcagattatt tcattcctca      420
gcaaacggag atcgatccga aaagtggaaa tatgagctct tctttgggtg tggcatatgg      480
accctgagag aaagaacttt aattttttct cttggactgc aataaagtat agctgcctaa      540
aatacgtttc ctgacacttg gaggtttgtc cacaatcggg gaaataaagg caagacgtaa      600
caactggatg aaaaaaaaaa nnnnnnnaaa aaaaaaact cgagcctttt aaaactatta      660
gtgagtcgna ttaccgtana tcccggacat ggatangatn cattgatgaa gtttggacca      720
aaccccaac ttggaatgcn ntgnaaaaaa atgctttaat ttgngaaat ttggggatg      779

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<210> 3066

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (748)

<223> n = A,T,C or G

<400> 3066

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gnttgaatcc ctnncanatc ncttggntgc aggatcctat cgattcgaat tcggcacgng      60
annacacaca tcacagtntg ctctcagaaa tttctttatt tgaaccctat accaatatct      120
gttgatcaat gaccattttt gctcagcatg gagaaacagt gccctgcatg aagggtagtg      180
agaataaaaa ggatcttacc acctttatca tgaggggtggc tttgctctct ccattccaag      240
ttgttctctg ttctagaaag cagatgtagt agacatctac tgtttttgcc taaacagaat      300
ccctttttcc ttttttggtt aaaagtactc atccctaata ttacattgtt ctggaaggac      360
tgaaaataac agaactcagc accatgatcg gaccgggaca atcagattat ttcattcctc      420
agcaaacgga gatcgatccg aaaagtggaa atatgagctc ttctttgggtg tggcatatg      480
gacctgaga gaaagaactt taattttttc tcttggactg caataaagta tagctgccta      540
aaatacgttt cctgacactt ggaggtttgt ccacaatcgg tgaaataaag gcaagacgta      600
accctggatg aaaaaaaaaa nnnnnnaana aaaaaactcg agcctntaaa ctatagttag      660
tcgattcgta gatccagaca tgatagatcc ttgatgagtt tggacaacca cactngatgc      720
atgnaaaaat cttattgnga attgggag      748

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<210> 3067

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (748)

<223> n = A,T,C or G

<400> 3067

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gnttgaatcc ctnncanatc ncttggntgc aggatcctat cgattcgaat tcggcacgng      60
annacacaca tcacagtntg ctctcagaaa tttctttatt tgaaccctat accaatatct      120
gttgatcaat gaccattttt gctcagcatg gagaaacagt gccctgcatg aagggtagtg      180
agaataaaaa ggatcttacc acctttatca tgaggggtggc tttgctctct ccattccaag      240
ttgttctctg ttctagaaag cagatgtagt agacatctac tgtttttgcc taaacagaat      300
ccctttttcc ttttttggtt aaaagtactc atccctaata ttacattgtt ctggaaggac      360

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<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 3063

cgnttaaann	ccttcactcn	ntcgtttgaa	gncnnttggc	gattcgaatt	cggcacgaga	60
taacacacat	cacagtatgc	tctcagaaat	ttcttttattt	gaaccctata	ccaatatctg	120
ttgatcaatg	accatttttg	ctcagcatgg	agaaacagtg	ccctgcatga	agggtagtga	180
gaataaaaag	gatcttacca	cctttatcat	gaggggtggct	ttgctctctc	cattccaagt	240
tgttctctgt	tctagaaaagc	agatgtagta	gacatctact	gtttttgcct	aaacagaatc	300
cctttttcct	ttttttgtta	aaagtactca	tccctaatat	tacattgttc	tggaaggact	360
gaaaataaca	gaactcagca	ccatgatcgg	accgggacaa	tcagattatt	tcattcctca	420
gcaaacggag	atcgatccga	aaagtggaaa	tatgagctct	tctttggtgt	tggcataatg	480
accctgagag	aaagaacttt	aattttttct	cttggactgc	aataaagtat	agctgcctaa	540
aatacgtttc	ctgacacttg	gaggtttgtc	cacaatcggt	gaaataaagg	caagacgtaa	600
caactggatg	aaaaaaaaaa	nnnnnnnaaa	aaaaaaaaact	cgagcctttt	aaaactatta	660
gtgagtcgna	ttaccgtana	tcccggacat	ggatangatn	cattgatgaa	gtttggacca	720
aacccccaac	ttggaatgcn	ntgnaaaaaa	atgctttaat	ttgnggaaat	ttggggatg	779

<210> 3064
 <211> 754
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(754)
 <223> n = A,T,C or G

<400> 3064

tnnnnnntnn	atnttgccct	tgncntngaa	ggcttnctcg	attcgaattc	ggcacgagaa	60
gctgctaggt	tccagtttta	attttttaggt	ttagttggac	tctgttatga	aaagataggt	120
tatgggtggg	cgacaggttg	atacagtctt	agaaaaagca	ggtaatatca	aagtattgga	180
aagctagcat	gcatgccctc	ttacctgggt	atcttccccc	ttttttcctt	ttaaactctt	240
gagcctccta	taacgaagga	ttatgtgttt	caaacctttt	ttttttactg	tttcattaag	300
tgtgcttggt	cccataatat	ttacttggtat	aatatctgta	cttgcttaaa	tacttcagca	360
aagtcagcat	atttactcat	tcaacaaata	tttgagccag	gcattatttt	agacacagca	420
gtgaacaaaa	caaaaaggca	ttcttgccct	catggagctt	acattcttat	tggtatttaa	480
atctaaatgt	tataaaacaa	gaatttatat	tctaggggtg	atcagctagt	atttaaatcaa	540
aaangccaca	ctcccatagc	agctctctaa	gctgtagtag	ctaataaaaa	atattaatgg	600
tgggccgggca	cagtgcctnac	gcctattaat	cccagcactt	tgggangcca	aggtggtaga	660
tcacttgagg	tcaaaaagtgt	gacccagcct	ggccaacctg	gtgaacccta	tctctttaaa	720
aatccaaaaa	aatccaaaaa	aattacttgg	gctg			754

<210> 3065
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 3065

ttcgtagatc cagaatgata gatcattgtg agtttggaca accacactng atgcagtgaa 720
 aaaatcttat tgngaattgn gatn 744

<210> 3061
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (744)
 <223> n = A,T,C or G

<400> 3061
 ctttnaatcc cttgcactcg tcttntgnag gaccttatcg attcgaattc ggcacgagat 60
 aacacacatc acagtatgct ctcagaaatt tctttatttg aaccctatac caatatctgt 120
 tgatcaatga ccatttttgc tcagcatgga gaaacagtgc cctgcatgaa gggtagtgag 180
 aataaaaagg atcttaccac ctttatcatg aggggtggctt tgctctctcc attccaagtt 240
 gttctctgtt ctagaaagca gatgtagtag acatctactg tttttgccta aacagaatcc 300
 ctttttctct tttttgttaa aagtactcat ccctaataatt acattgttct ggaaggactg 360
 aaaataacag aactcagcac catgatcgga ccgggacaat cagattattt cattcctcag 420
 caaacggaga tcgatccgaa aagtggaaat atgagctctt ctttggtgtt ggcataatgga 480
 ccctgagaga aagaacttta attttttctc ttggactgca ataaagtata gctgcctaaa 540
 ataccgtttc ctgacacttg gaggtttgcc acaatcgggtg aaataaaggc aagacgtaac 600
 actggatgaa aaaaaaaaaa nnnnnnaaaa aaactcgagc ctntagaact atgtgatcga 660
 ttcgtagatc cagaatgata gatcattgtg agtttggaca accacactng atgcagtgaa 720
 aaaatcttat tgngaattgn gatn 744

<210> 3062
 <211> 718
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (718)
 <223> n = A,T,C or G

<400> 3062
 nttnnnnnat aannttnatn agncttgcac ttgctctttt tgcaggatcc catcgattcg 60
 aattcggcac gagaaagccc gccacccact gtgggacttt ctggtgggct cctcagctcc 120
 caccacaggc tggggcccag attgtgaggt ctgtgtgcat gtgtgtgtgt atgtgtgtgt 180
 gcatgcgtgt gtgtgttgtg gggatctggc ctggcccttg gggatggggc tgctggggac 240
 tgccccctt cccgccgtgg ccaggcgcctc tgtgtgctgt gtgtgccccca ggctctgttg 300
 accccgtcca ggaactaact taccagctt ggtctctcct gagtcctcca ccctggcctg 360
 ggattggcca gggagcaggg cgggcatttg gaccagtgtg gagcctgagg gtgcctgccc 420
 tgctctggag ggagggccag gagctgccac acccccaggt cctctcaggg cccaccctcc 480
 ttttccagcc tctgcataag gcccttgggt acaactgcaga agccccatcc ttcccgttcc 540
 gggcataagg cccctgacca cacttcagaa gccccatccc ccctgcaccg ggcgatccct 600
 gctgtgagcc gaactntctg cccgctgcca tgtgtcgtgt ttggtgnaga cctgatgtct 660
 gtntgtgtcc aaacgggctc aagagcctca caatctgggt agctgaccca gtacgtgt 718

<210> 3063
 <211> 779
 <212> DNA
 <213> Homo sapiens

ttcaagtgat	tctcctgcct	cagcctccca	ggtagctggg	attacaagca	tgggccacca	360
cgctggcta	atcttgatt	tttagtagag	acggagtttc	tccatgttgg	tcaggctggg	420
ctcgaactac	cgacctcagg	tgatccaccc	acctcggcct	cccacagtgc	tgggattaca	480
agcatgagcc	accgcgccc	gcctcctggt	ccagttttct	ataatctgtt	catattatat	540
tctgggtata	tgtgggtggg	gtgattatcc	atgtggtcct	atcttcacat	tctttgcatt	600
aactataatg	acttaatggt	taagataagt	ttcattctac	aaagatgtat	gtacaatacc	660
tggtatcagg	taacaatctt	aaaaaaaaact	aattcattta	aaaataaaca	ttaaaattag	720
ccaatccaat	taacntaaa	gacagtttgt	ganga			755

<210> 3059

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 3059

nttaantntt	gatngtcnat	aaggccttta	tcgattcgcc	aatggatgca	ggaaaactga	60
gatgggattt	ccccacgttg	cccaggctgg	tctcctgagc	tcaaagcaat	ccagattgct	120
gggattacag	ctgtgagcca	ccgtgcctgg	ctgagatgac	ttttaaaaaa	agacttctct	180
aaagtagaag	gaagggtgga	attgtatgca	caagaagaaa	aaaacctgga	agaaaaacat	240
actaaagagg	ctggagtgca	atggcgcgat	cttggctcac	cgcaacctcc	gcctcccggg	300
ttcaagtgat	tctcctgcct	cagcctccca	ggtagctggg	attacaagca	tgggccacca	360
cgctggcta	atcttgatt	tttagtagag	acggagtttc	tccatgttgg	tcaggctggg	420
ctcgaactac	cgacctcagg	tgatccaccc	acctcggcct	cccacagtgc	tgggattaca	480
agcatgagcc	accgcgccc	gcctcctggt	ccagttttct	ataatctgtt	catattatat	540
tctgggtata	tgtgggtggg	gtgattatcc	atgtggtcct	atcttcacat	tctttgcatt	600
aactataatg	acttaatggt	taagataagt	ttcattctac	aaagatgtat	gtacaatacc	660
tggtatcagg	taacaatctt	aaaaaaaaact	aattcattta	aaaataaaca	ttaaaattag	720
ccaatccaat	taacntaaa	gacagtttgt	ganga			755

<210> 3060

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 3060

ctttnaatcc	cttgcaactcg	tcttntgnag	gaccttatcg	attcgaattc	ggcacgagat	60
aacacacatc	acagtatgct	ctcagaaatt	tctttatttg	aacctataac	caatatctgt	120
tgatcaatga	ccatttttgc	tcagcatgga	gaaacagtgc	cctgcatgaa	gggtagtgag	180
aataaaaagg	atcttaccac	ctttatcatg	agggtggcct	tgctctctcc	attccaagtt	240
gttctctggt	ctagaaagca	gatgtagtag	acatctactg	tttttgcta	aacagaatcc	300
cttttctcct	tttttgttaa	aagtactcat	ccctaataat	acattgttct	ggaaggactg	360
aaaataacag	aactcagcac	catgatcgga	ccgggacaat	cagattattt	cattcctcag	420
caaacggaga	tcgatccgaa	aagtggaaat	atgagctcct	ctttggtggt	ggcatatgga	480
ccctgagaga	aagaacttta	atcttttctc	ttggactgca	ataaagtata	gctgcctaaa	540
ataccgtttc	ctgacacttg	gagggttgcc	acaatcgggtg	aaataaaggc	aagacgtaac	600
actggatgaa	aaaaaaaaaan	nnnnnnnaaaa	aaactcgagc	ctntagaact	atgtgatcga	660

<400> 3056

cgnttaaann	ccttcactcn	ntcgtttgaa	gncnnttggc	gattcgaatt	cggcacgaga	60
taacacacat	cacagtatgc	tctcagaaat	ttctttat	gaacctata	ccaatatctg	120
ttgatcaatg	accatttttg	ctcagcatgg	agaaacagtg	ccctgcatga	agggtagtga	180
gaataaaaag	gatcttacca	cctttatcat	gagggtggct	ttgctctctc	cattccaagt	240
tgttctctgt	tctagaaagc	agatgtagta	gacatctact	gtttttgcct	aaacagaatc	300
cctttttcct	ttttttgtta	aaagtactca	tccctaatat	tacattgttc	tgggaaggact	360
gaaaataaca	gaactcagca	ccatgatcgg	accgggacaa	tcagattatt	tcattcctca	420
gcaaacggag	atcgatccga	aaagtggaaa	tatgagctct	tctttgggtg	tggcatatgg	480
accctgagag	aaagaacttt	aattttttct	cttggaactgc	aataaaagtat	agctgcctaa	540
aatacgtttc	ctgacacttg	gaggtttgtc	cacaatcggt	gaaataaagg	caagacgtaa	600
caactggatg	aaaaaaaaaa	nnnnnnnaaa	aaaaaaaaact	cgagcctttt	aaaactatta	660
gtgagtcgna	ttaccgtana	tcccggaacat	ggatangatn	cattgatgaa	gtttggacca	720
aacccccaac	ttggaatgcn	ntgnaaaaaa	atgctttaat	ttggngaaat	ttgggggatg	779

<210> 3057

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (754)

<223> n = A,T,C or G

<400> 3057

ttancctata	ancgtctatg	aagcctttgc	tattngncaa	tggatgcagg	aaaactgaga	60
tgggatttcc	ccacgttgcc	caggctgggc	tcttgagctn	aaagcaatcc	agattgctgg	120
gattacagct	gtgagccacc	gtgcctggct	gagatgactt	ttaaaaaaag	acttctctaa	180
agtagaagga	agggtggaat	tgtatgcaca	agaagaaaaa	aacctggaag	aaaaacatac	240
taaagaggct	ggagtgcaat	ggcgcatct	tggctaccgc	aacctccgcc	tcccggttc	300
aagtgattct	cctgcctnag	cctcccaggt	agctgggatt	acaagcatgg	gccaccacgc	360
ctggctaatt	tgtattttta	gtagagacgg	agtttctcca	tgttggtcag	gctggtctcg	420
aactaccgac	ctcaggtgat	ccaccacact	cggcctccac	agtgctggga	ttacaagcat	480
gaaccaccgn	gcccggntct	ctgttccagt	tttctataat	ctggtcatat	tatattctgg	540
gtatatgtgg	gtggtgtgat	tatccatgtg	gtcttatttt	cacattcttt	gcattaacta	600
taatgactta	atgttttaag	ataagtttca	tttcttcaaa	agatgtatgt	ncaataacctg	660
ggtatcaggt	aacaatctta	aaaaaactta	ttcattttaa	aattaacctt	taaaattagc	720
cattccaatt	naacattaag	ganggttgng	agga			754

<210> 3058

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (755)

<223> n = A,T,C or G

<400> 3058

nttaantnt	gatngtcnat	aaggccttta	tcgattcgcc	aatggatgca	ggaaaactga	60
gatgggattt	ccccacgttg	cccaggtcgg	tctcctgagc	tcaaagcaat	ccagattgct	120
gggattacag	ctgtgagcca	ccgtgcctgg	ctgagatgac	ttttaaaaaa	agacttctct	180
aaagtagaag	gaagggtgga	attgtatgca	caagaagaaa	aaaacctgga	agaaaaacat	240
actaaagagg	ctggagtgca	atggcgcgat	cttggtccac	cgcaacctcc	gcctcccggg	300

<220>
<221> misc_feature
<222> (1)...(770)
<223> n = A,T,C or G

<400> 3054
gnntgnttttn nnntcttttga tcccttctttt caaatcntttt ggctacttgt tcttttttgc 60
ggatcccatc gattcgaatt cggcacgagg ggtggttgag cagattntag ttgatccaca 120
gcaaagagca tcaccaaagc cattccagga ggaactagat ccaccacttc ctctgctggg 180
catgctccaa aaatggttgt ggcttccaga gaggactcca aaagaaagca caaaaactag 240
acagtgggag ggcataccca aaagccctga gtttctgaaa aaatattgaa agtttctatg 300
gtgaaatagg aagttaatgt gcttaggaag aaaaaagtgg taatgattca aggaaacata 360
atcacacacg gttttagttt taatggacat gggaggagcc ataaaagtag tctatctatc 420
atcagttaca tatctaata gaactgtctatc tgggataccc tatcctgttt taatctgagt 480
gactctctct cagctgagag agctggacag actccatttt agcctcttca cttgcagtcc 540
ccttatcccc cttccttaag ggaataacta gtgcaagctg actccaagca catncaggaa 600
tgcaacttact gataaagata ttgangcaag ttgtaccagc agctcctggg gacgtgctca 660
ntggatggtn ccaagcccct gcatttatct ctttgngata gtntaaaccc ctgcacctgg 720
aactgtgatt tttctgtact atctctgtac cctnaatttt ttttactttt 770

<210> 3055
<211> 784
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(784)
<223> n = A,T,C or G

<400> 3055
tncttgaanc cttttgctac ttgttctttt tgcaggatcc catcgattcg cgtctgtaat 60
cccagctgct tgggaggctg aggcaggaga ntcacttgaa ccctggagggt ggcggttgca 120
gtgagcacag atcatgccac tgcactccag cctggggcaac aaaacgagac ttcgtctcaa 180
aaaaaaaaaa cntagaattt ggatcctttg gtcgggttct cccaaattct tttgagggtg 240
ccatggtcaa ctgcttcagc tttgttttgg caacccccctg cccgaagtcg catataggct 300
gttcttcacc ttgtttccaa ggctgaggaa cagaaagtag cctctgtttt gaggagggtg 360
aagttaagta tacatttatt ttttactgtg acttggttcag gaccacattt tacaaaatgc 420
cttgttttct tcattgnttc tggaaaggaa agttctatta atattgtttt actttgaata 480
tagaatagtt tttttaatta gggcttattt tgaaaaatc tgagttaat tcaaatgtat 540
gccaatacct tccaaagtaa ggnaatatc agagacagtt gttgtgatca gaatggctta 600
gagaaatttc tggaatatc acattcgaag attccctatt aatgaaatgn ctttgacctt 660
aaaatttacc caaaaacttg caaccattaa ttcnttttga ccatttttca ttatatagng 720
gttaaacaag ctttagttgc caaaccaaat taaaattcct taaagctaaa aaaaaaaaaa 780
aant 784

<210> 3056
<211> 779
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(779)
<223> n = A,T,C or G

<210> 3052
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 3052

ggnnnnnnnn nnttgnggtt nannnctttt ttncntncnn ntttgaaacc ctttggtctac	60
ttgntctttt tgcaggatcc categatccg gccgccgggg cgcaatgcga gcggctggng	120
taggcttggt ggactgtcac tgccacctct ccgccccgga ctttgaccgc gatttggtatg	180
atgtgttgga gaaagccaag aaggccaatg ttgtggccct tgtggcagtt gccgaacatt	240
caggagaatt tgaaaagatt atgcaacttt cagaaaggta taatgggttt gtcctgccat	300
gcttgggtgt tcatccagtt caaggacttc caccagaaga ccaaagaagt gtcacactaa	360
aggatttgga tgtagctttg cccattattg agaattataa ggatcggttg ttggcaattg	420
gagagggttg actagatttc tccccagat ttgctggcac tggatgaacag aagggaagagc	480
aaagacaagt cctaatacaga cagatccagt tagccaaaag actaaatttg cctgtaaatg	540
tgcactcacg ctctgctgga agacctacca tcaacctttt acaagagcaa ggtgctgana	600
aggtactgct gcatgcattt gatggtccgg ncatctgtag ccatggaagg agtnagaanc	660
tgggtacttc ttctcaattt ccccttctat cataagaaat ggacagcang aaacttgtga	720
aacaattgnc tttactttcta tatgcttaga aacagatcac ctgactagga cnanaaaaca	780
ggtec	785

<210> 3053
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 3053

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tcgattcgaa ttcggcacga ggtttcacat ttgctgccat gagcaaagan gaggtcgaca	120
ggtacaattt tgtgatgctg gccctgtcct cctcatcctt ggtgttatcc tatctcttga	180
cccgttggtg tggcagcgtg ggcttcatct tggccaactg ctttaacatg ggcattcgga	240
tcacgcagag cctttgcttc atccaccgct actaccgaag gagccccac aggcccttg	300
ctggcctgca cctatcgcca gtctgtctcg ggacatttgc cctcagtggg ggggttactg	360
ctgtttcgga ggtattcctc tgctgtgagc agggctggcc agccagactg gcacacattg	420
ctgtgggggc cttctgtctg ggagcaactc tcgggacagc attcctcaca gagaccaagc	480
tgatccattt ctcaggactc agttaggtgt gccagacgc actgacaaaa tgacatgact	540
tcagggaagc ctggacacc gangcacctg gaccaactat gggtaagtgc ttgtgggtgg	600
aacancattc tgtgtaagaa ccacttgan ggcnttttgc aaaccggaat tgacaggnaa	660
ccccagaana ttaaggcacc acaaaagtgc ccccttgcat gaaaacacct tgtgaaccat	720
ttcnaantct tgaaatgccg ggggggggaa gtttcaattt ttaagggaaga agaaccaaaa	780
gccctttnt	790

<210> 3054
 <211> 770
 <212> DNA
 <213> Homo sapiens

tactgtattg	gatattatag	aagggtcttt	cattcaagat	catcattctt	gacagaccca	480
taaataatttc	ctataaaagac	tgtagaagtg	tgttctggaa	gggtttgctc	tccaaaaaga	540
attgtaatat	agagtagaat	tgggatatag	tattgaagac	actgggttta	gacattggat	600
attttaatga	ttgnngtctc	taattcatgt	gctgccactg	agttatctag	tgatatgacc	660
tcaactgcttg	accaaaagcc	cggaatagaa	ggcaggattc	ctggaatcta	tcttaaaaaat	720
ttgcaatgga	anaacctttt	ccctaaatta	tcccattatg	gtaan		765

<210> 3050

<211> 815

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(815)

<223> n = A,T,C or G

<400> 3050

gnnnnnnntt	tnaaacctt	ggctactngt	tctttttgca	ggatcccatc	gattcgaatt	60
cggcacgag	ctagactcaa	gctgtctgga	gagtgtgaaa	caaaagtgtg	tgaagagttg	120
taactgtgtg	actgagcttg	atggccaagt	tgaaaatctt	catttggatc	tgtgctgcct	180
tgctggtaac	caggaagacc	ttagtaagga	ctctctaggt	cctaccaa	caagcaaat	240
tgaaggagct	ggtaccagta	tctcagagcc	tccgnctcct	atcagtccgt	atgcttcaga	300
aagctgtgga	acgctacctc	ttncctttgag	accttgtgga	gaagggtctg	aatggttagg	360
caaagagaat	agttccccag	agaataaaaa	ctgggtgttg	gccatggcag	ccaaacngaa	420
ngctgagaat	ccatctccac	gaagtccgtc	atcccagaca	cccaattcca	ggagacagag	480
cggaaagaca	ttgncaagcc	cggcaccatc	acgccagct	tcatgaggaa	aatctgcaca	540
tacttccata	naaagtccca	ggangacttt	ctgtggctcct	gaacactcaa	ccagaattat	600
angattctaa	tctgagttga	gttactgagc	ttttggctcc	acttaaaaca	aagcttgaag	660
cttntggtn	cacttaaaaa	ccanggaatg	aaaananttc	ccaagaagtn	ggacttcttn	720
ttaactnctt	gggncntttt	tangaaaang	cttgcccntt	tttcaaattt	tttangccaa	780
aaantcnttt	tttcaaacc	ctttgaaaaat	ngccc			815

<210> 3051

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(716)

<223> n = A,T,C or G

<400> 3051

gaancccttt	ggctactcgc	tctttntgca	ggatcccatc	gattcgcaaa	gatcagaagt	60
cctggcaaga	atcacanatg	gaaaaacnac	aattctagac	agagagcagt	cactggatca	120
ggcagtcact	tgtgtgattt	gaagctagaa	ggtccaccgg	aggcaaatgc	agatcctctt	180
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atacccaagg	aagtgcaccc	agccctatgc	tcactaatga	gtagctatgg	cngtctttca	300
gggtcagaga	gtgagccaga	agaaactccc	atcaagactg	aagcagacgt	tttggcngaa	360
aaccangttc	ttgatagcag	tgctcctaan	agtccaagtc	aagatgttaa	agcaactgtt	420
agaaattttt	cagaagccaa	gagtgagaac	cgaaagaaaa	gctttgaaaa	acaaacccta	480
ngaggaaana	agatttcaca	actatcaaac	gttattcgaa	ccangaacac	accatccata	540
tctcttgga	atgcttctag	cttccggaca	ttcgacatga	aaagaaatgt	gatttgcant	600
gtggccggtn	cctcatcaaa	aaagactttt	tggctggatc	tattctgcga	aagtaagatg	660
ttagctctgg	ggttacttct	actgaanntg	tgaacattct	cctntttgtn	gaggaa	716

cacacggaat	cgctgtgcat	ccgacagagg	ctgattggca	catggggcac	ggggattgtc	120
agctcaaaca	ccgtcagcag	cgttgccctt	ggaaatggga	tttcccagaa	cagtaaactg	180
gtctgtcctt	gatttacaga	gtagctacat	tcctagggaa	tcaggggtac	attaaaactc	240
accatgttac	ccaggctggt	ctcaaaactcc	aggcctcaag	caatcctcct	cctgtctcca	300
cacagacggc	ttctgcaggt	ttggtaatat	acagtacact	ccttgcaggg	aaaagggtgat	360
gagtcacat	ggacttattt	gaccactttt	tatgcatgct	tagaggaaaa	cagaatactg	420
ttaagagatt	catctgctag	ttattaagta	aagaaatata	acaataggcc	gggcgcagtg	480
gctcacacct	gtaatcccag	cattttggga	ggccaagggtg	ggcgggatca	cctgagggtca	540
ngagttcgag	accagcctac	caacatggtg	aaaccccgctc	ttntactaaa	attatnaaaaa	600
attagcccgg	tgtagtgggt	ccacgcctgt	agtcccagtt	actttgggaa	gcttaagcat	660
taagaattgc	tttgaaccca	ggaagttgga	ngttggangt	gaaccnnaaa	tgtgccctgn	720
acttcancct	ggaacagant	gagacacttg	tncncaaaaa	aaaaaat		767

<210> 3048

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (770)

<223> n = A,T,C or G

<400> 3048

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ttagcttgct	aagttgagat	cagctagacc	tgctttcttt	tctcctcagt	cttgcatctc	180
cctcaataca	agctgtagcc	tctttcctcg	tttctagtct	cagaaggaag	gagaggggaag	240
ccattctcct	ctagggactc	ttcagttctca	tttagatgat	agtccctttt	tttctacctc	300
catattagag	atggagctcc	ttccttttcc	tgtttcttaa	tttttgtctt	ctcattcctg	360
cttccctctc	accctattgc	cagttccacc	aactagagtg	aaagacttcc	tagccatttc	420
attaaatcta	ttctgtatcc	accaggtggc	agcatcttgt	catacgtgtc	aggacttagg	480
actgcggggg	ttagggtana	tgtcacggaa	aaagctagtt	ctgtgggtcag	gcggcaccaa	540
tgagaaagga	atgcagaccc	ttcagatgta	tccttgggaa	aagcagtaaa	ccaactaata	600
tttattgaag	gacctacttt	gtccttacat	agggnanctt	ctgtcagggg	atcntggggt	660
cttnccaaga	aacactgatt	ttctttcang	gagacttcat	ggggtcattt	atttccccac	720
agcagaattt	aagaaattat	tatatggaat	attggatata	tataaagagc		770

<210> 3049

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (765)

<223> n = A,T,C or G

<400> 3049

gcngnctaen	gaaacccttg	gctactngnt	ctttntgcag	gatcccatcg	attcgaattc	60
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tcccttattg	ggtagagata	catcattact	ggcctcaggg	gtttacccaa	agaaagggtta	180
tttttgagca	aataatgtga	tttctgggct	attttgttgg	gggcttaaga	tttttttttt	240
tcaaattgcat	ttttagtcac	taaaaattaa	ctgtcgtacc	atctagaact	atactgtcca	300
gtaccatagc	ctctagccgt	atgtagctat	ttgtattaag	attaattgaa	attttaaatc	360
cagttcctca	gtcacactag	ccactttcta	agtgtcagc	agctctgtgt	gaccagcggc	420

<221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 3045

cngtctaaac	cnttggtctac	ttgctctttt	tgcaggatcc	catcgattcg	aattcggcac	60
gaggcaggag	aatcacttga	accctgnagg	tggcggttgc	agtgagcnca	gatcatgcc	120
ctgcaactcca	gcctgggcaa	caaaacgaga	cttcgtctca	aaaaaaaaaa	acntagaatt	180
tggatccttt	ggtcgggttc	tcccaaattc	ttttgagggtg	tccatggtca	actgcttcag	240
ctttgttttg	gcaacccct	gcccgaagtc	gcatataggc	tgttcttcac	cttgtttcca	300
aggctgagga	acagaaagta	gcctctgttt	tgaggagggtg	gaagttaagt	atacatttat	360
tttttactgt	gacttgctag	gaccacattt	tacaaaatgc	cttgtttcct	tcattgnttc	420
tggaaaagga	aagttctatt	aatattgntt	tactttgaat	atagaatagt	ttttttaatt	480
agggttatt	ttgaaaaatc	tgagtttaat	tcaaatgttt	gccaatacct	tccaaagtaa	540
ggtaatatcc	agagacagtt	gttggtgaaca	agatggctta	aaagaaattc	ttggaatatt	600
cacattcnaa	agattcctta	ttaatgaatg	tctttgcctt	aaaatctaac	caaaaaactg	660
cacatttatc	ctttgggcat	ttttcattat	atagnngtaa	caagctttag	ntgccaacca	720
aattaaaatc	cttaagcttt	ttaaaaaaaa	aaaaaaaaaa	actcngnccc	tttt	774

<210> 3046
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 3046

cttnnnttgt	ncntntntctt	tcaaatcgct	nggctacttg	ttcttttttgc	aggatcccat	60
cgattcggga	agaggatgac	tgggtatgct	gtgccaccct	tgagggccat	gaatccactg	120
tgtggagctt	ggcctttgac	ccgagtggcc	agcgccctggc	gtcttgtagt	gatgaccgta	180
ctgtgcgtat	ctggcggtcag	tatctaccag	gcaatgaaca	aggggtggca	tgcagcggct	240
ctgacccag	ttggaaatgt	atctgtactt	tgtccggctt	ccactcaagg	accatttatg	300
acattgcttg	gtgtcagctg	acaggggctc	tggccacagc	ttgtggggat	gacgcgatcc	360
gcgtgtttca	ggaggatccc	aactcggatc	cacagcagcc	caccttctcc	ctgacagccc	420
acttgcata	ggccatttcc	caggatgtca	actgtgtggc	ctggaacccc	aaggagccag	480
ggctactggc	ctcctgcagt	gatgatgggg	aggtggcctt	ctggaagtat	cagcggcctg	540
aaggcctctt	gagctacctc	gactttggac	agagtaatga	ctccccagaa	aacgtcatat	600
aagaanttta	ccaacccctg	aangaccaag	aaggagccat	tcctttgacc	ttcattttaac	660
ttgggctcac	tttttcttta	aaactttggg	tagaaaatgc	agagccccag	aattgctttt	720
ccttcccgn	ctttgacatg	aaggccttaa	gtaaaagaac	ttccngaaca	ttaaaaaaa	779

<210> 3047
 <211> 767
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(767)
 <223> n = A,T,C or G

<400> 3047

tnctttgatg	ccattgctct	tgttctttnt	gcaggatccc	atcgattcgg	cttgcccttta	60
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<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(788)
 <223> n = A,T,C or G

<400> 3043

gnnacantga	acggaaagtc	ccnatchntg	naggatccca	tcgatnngaa	ttcngcacga	60
gccccactcg	gggtatgtga	atgcccnttt	tgantaagga	agtgcccatc	ttcacaaagn	120
agegcattga	cttcacccct	tccgagcgca	ttaccagtct	tgncgtctcc	agcaatcagc	180
tgtgcatgag	cctgggcaag	gatacactgc	tccgcattga	cttgggcaag	gcaaatgagc	240
ccaaccacgt	ggagctggga	cgtaaggatg	acgcaaaagt	tcacaagatg	ttccttgacc	300
atactggctc	tcacctgctg	attgccctga	gcagcacgga	ngtcctctac	gggaacccac	360
ttgagaaggc	tgctctctag	gctctgctca	gtcatcttgc	aattgccaca	ctgtgaccac	420
gntgacggga	gtagagtagc	gctgtnggcc	angaggtgtc	aagtgtgagt	gaattctgcc	480
agcttctcat	gctgnnttca	nantgcagtc	tatgccagac	catcagcctg	cctncagnag	540
aggcccttca	cctggagaag	tcagaaatct	gacccaattt	ccaccccttg	gnctcnagca	600
cctcttctgn	ccctggcatt	ccccacnca	cgnnccctgg	tnaccctcga	gaagagaaga	660
nanaagagaa	gcaccctnnc	tttccgactg	gtaaanntct	ggcgggcctt	ttggaaancc	720
canctcctnt	tntctcagaa	ggaagccnnt	nttcttcctt	cctgggnetga	aaggtgtnc	780
aaaaaanc						788

<210> 3044
 <211> 804
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(804)
 <223> n = A,T,C or G

<400> 3044

gngacctann	gntngaaacg	cncctctctgc	aggatcccat	cgattcgaat	tcggcacgag	60
gtttcattta	agaagaatga	gctagataaa	tgtgctcttc	tggttacccc	accctgacng	120
agtgcatttt	tacacggnta	gcaggggttg	agactgcagc	ctggcctgcc	agccattgga	180
ggtgtttaag	gaagggcaga	taatgtgact	ctttgcgggg	tgccatctgc	ttaccatta	240
ncgagcagag	ggggtntntg	cgggtgaccc	cnagcatatn	tctaggttac	ttatgggcag	300
atgtgtaagt	gacaatactc	cagctgatgc	tgggaatggg	gagagggccc	ttgagggact	360
ttgtgntncn	gtgcttctgg	tttcttgccc	aacccccagg	gtcaacttng	tcttggtatgc	420
ccaancttgg	gcactaatgt	ctgncacctg	actatgtnaa	antgtntaaa	tgattcctct	480
antttnggna	tgagatcttc	caatccanag	gaancccnnc	tttggacttg	ccttgggtta	540
aatcttgcat	ancntaaagt	ggttngatga	agttcatctg	aagaaattta	nggcccacn	600
tncnaancct	tnccccattc	ntgcttccct	tttgaaactt	ggcttctggg	gaaactcnng	660
ccagaagtnc	ttgnggacac	cannccnttt	tngggggntc	tcaaggncgt	tcccnttngg	720
nctgtnnccc	aaagncnnaa	nngantcnng	tngcntnnat	tnggaaggaa	ttnctggntn	780
cctangttgn	ntnnattncn	aaac				804

<210> 3045
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>

ttggccccc aa tttccnantt tttgaaanaa ggnaggnccg ccntncttta nngggcttcc 780
 aaaccttggg cttaganccc nggctttttt t 811

<210> 3041
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 3041
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 cgctaacaag cgattctaaa ccacctatga gtatttcttt tagggctcac ttaaatacat 120
 gtttgtatat actgtattct agccagaata attttagatc tgatcaggta gtagctaaaa 180
 ttagaaaaaa acaaaataga tgcttaaaga atttgcattc atttttgagt ctaaatcttt 240
 taaaatacac tgagatccac atctagtga atgtcagtgt caaaatatta tagattatag 300
 ctaaaatcca gattaatact catttggggt tttttatagt ggaacttcat agtaatacaa 360
 aaagcagatt gtcttctgt ctccgctgct cccacagtag gtattgaaac tggtaaaatc 420
 agttttttga tagtgtgtgt atataagaaa aaatagatac acacattctt ttttctcagt 480
 caacacattg attgaacact ctggcaaaga tgctgtggtg gatgangttg gagttcgaaa 540
 agaagaagca agcgtggtgc tgccttgaaa gaacccgaaa gtctttccca ttcacttctc 600
 tagaaagctg ccaagacaga ngcagaaagg aaatggatga tagttctgtc aagcacactt 660
 ctgntctcnt agaacttaga aatggttcta agagaacaga agttatngag aacagttcnt 720
 gtggaattca acatcttggg tgggacncat tggcttt 757

<210> 3042
 <211> 788
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(788)
 <223> n = A,T,C or G

<400> 3042
 gnnacantga acggaaagtc ccnatcnntg naggatccca tcgatnngaa ttengcacga 60
 gccccactcg gggatatgtga atgccnttt tgantaagga agtgcccatc ttcacaaagn 120
 agcgcattga cttcaccctt tccgagcgca ttaccagtct tngcgtctcc agcaatcagc 180
 tgtgcatgag cctgggcaag gatacactgc tccgattga cttgggcaag gcaaattgagc 240
 ccaaccacgt ggagctggga cgtaaggatg acgcaaaagt tcacaagatg ttccttgacc 300
 atactggctc tcacctgctg attgccctga gcagcacgga ngtcctctac gggaaccac 360
 ttgagaaggc tgcctcctag gctctgctca gtcattctgc aattgccaca ctgtgaccac 420
 gntgacggga gtagagtagc gctgtnggcc angaggtgtc aagtgtgagt gaattctgcc 480
 agcttctcat gctgnnttca nanctgcagt tatgccagac catcagcctg cctncagnag 540
 aggcccttca cctggagaag tcagaaatct gacccaatth ccacccctg gnetcnagca 600
 cctcttctgn ccctggcatt cccccacnca cgnncctggt tnaccctcga gaagagaaga 660
 nanaagagaa gcaccctnnc tttccgactg gtaaanntct ggcgggcctt ttggaaancc 720
 canctcctnt tntctcagaa ggaagccnnt nttcttccct cctggnetga aaggtgtnc 780
 aaaaaanc 788

<210> 3043
 <211> 788

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gttttgacag tgtgtttatg tggaatgttt aaggatatac aattgtactt tatataaatt	540
ggttcttgggt cttcttaaatt gtgacatgaa ataattgngc tgctacatta tactggaaat	600
taacaggggga aaaggggaaga gcttcttggc tcccttgagg tctgctantg ggtgttaggg	660
agtggttaca actgaacttt tantaacat ttaaccgtat gtaaacttgg tttctaatta	720
aaaaaaattc ctttttccaa aaaaaaanaa nntnaccn ntttttantic nnnnnnanct	780
nanannt	787

<210> 3039

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 3039

ntaatccaan aaccttgttg aagcctttgn annnccnatc ggcaggaccc atcgattcga	60
attcggcacg aggaccacg tagaccagct caagagttca tgttctttgt catcctcctg	120
tgagctctct gtaagtctct ttcttgccca tcaccacatc cctagtactg ggtatcagtc	180
tggccacttg gctttctggg ttgcccgaat gtgggtctatt ctgatgcag ctaccaaagt	240
aatgttttaa aaccattata ccaagttact atccttgtca aaacccccag taactgcca	300
tctcacttag aataaaatcc ggactcctgt gaagcacagc ataaactggc cactgcctat	360
gcagcaacct catctttacc gtttcttgcc ttgctcactc ccttccagcg cgttattct	420
tcctgatgcc cctagtacac aacaactnct tcctgctcca agagtaggaa aattactgnt	480
ctctctgcca gtgagattcc tcttctggta ttacctttgc ttcattgctg aatcttctcc	540
aatatcatct tctaaaaaga gcctttttaa atcacctttt ctattatgcc ctactcaatt	600
tccagtcctt gaatgcccac tccccacttc atagcactta ttgctatctg aaattcacta	660
aatgncacct tcatganggt aggcaattta atgncttggc actggtatgt ctanagacaa	720
gcactggcta tagtaggcac tcaacaaata tt	752

<210> 3040

<211> 811

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(811)

<223> n = A,T,C or G

<400> 3040

tnnnaatcnc nnnaagcett tgttnaacc ctttgtctact ngcncttttt gcaggatccc	60
atcgcttcna attcggcacg aggttatncc agtatctgnc ancagaatgg cattgtgccc	120
atcggtggag ctgagatcct cctgatggg gaccatgact tgaagcgtg ncagtatgtg	180
accgataaag gtgctggctg ctgtctacan ggctctgagt gaccaccaca tctacctgna	240
aggcaccttg ctgaagccca acatggtnac cccaggccat gcttgactc anaagtttct	300
tcatgangag attgccatgg cgaccgtcac ancgtgcnc cgcacagngc cccccgtgt	360
cactgggatc accttctgt ctggaggcca nactgacgag gangcttaca tcaacctaaa	420
tgccattaac aagtgccnn tgcgtgaancc ntgnccctg accttcttct actgncgagc	480
nctgcangcc tctgcnctga acgctgngg cggnaataag gagaacctga agtgcctcac	540
gaagaatntg tcaagcgaac cctgncnaac agccttgcct ggcaaggaaa gtncaattnc	600
gagccggtta ggctagggct tgctgcaacc gaagtcctct ctttggtnnt ctaaccatcg	660
ccttttttaa nncggaaggg tgtttcccca aggattgccc cccaanaact tnnaagnct	720

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attcggcagc agggcagcta gagtcaggaa aatgaccctc atatgctttt aatctttgtt      120
tcagttgtct gtcaggggtg aattaagaag ctactggttt attcccaatt gttgatgcct      180
ttaggtatgt tgggaatcttt ttttttgccct aggaggggcc agttgaaaat ctgtgactca      240
agaggcagtg aacagaatac tgttttctgg ggaaaaattg gttggctact tgatgttaat      300
tatggcacag taacaggaaa aggttgtgtc tgtgttttta agtttttctt tattctgctt      360
ttttgctgct ataagagttt tctgaaattt atattttaaa cttttcatgc actttactgt      420
ttctagtctc aaaatgtgat atttttaata aacaagaaat tttccattat gtgaatgaaa      480
ttttaaaaga caatagccta tatttgtgtc tcactaatat ataaagtata ggtcaaattt      540
aaattattta attagtttta aatatcacia tttgtctcct ctttcaaacc tgacatcttc      600
gggctgtttt attagtctaa atgatgcatt tacttttgtc attttatgct aattctttca      660
tagtaaataa tcaggctata taaggtaata tttccccana nggtaatttt aatgggacna      720
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<210> 3037

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 3037

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tnnnctantn ttataccttt antactnget ctttttgcag gatcccatcg attcgaattc      60
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ccgcactcgg ccaggagcta gttttatcag catcctgctc cactgccttc ctctagtgca      180
gcctggaaga catggcagcg ggtagctcct ggggctgagc cagaagcatc actgcagtga      240
aagtctctgc ttacctgtct ggctcagctt gggcaagggc tgggccatat gtgctcaggg      300
acgtgcttct cttgtaaggc aggaggatag aagaggacca agaaggagg gagctgccct      360
gtggtgcaca caggcctgcc atggggcgtg ggagcccatc ccgctgcctg accggagctg      420
gctgctgtgg tggactcagg aaccactttt aatactgcaa ctgctccctt ttgccagtc      480
agggaaaagt gactgtaagt cccacctncc cctnctgcc ccttctagt ggtttctctg      540
agaggtttct ctgcttcagc tgtgcttgaa gtggcatgcc tntctgctg canggctccc      600
ccaacccccca cacggnctta aagatgttaa tttccttata gactggatta aagtcagcca      660
ttctttttcc tcaaaaaaaaa aaaaaaaaaa cttgagcctn tanaactata tgagtcgtat      720
tacgtagatc cagacntgat aagatncatt gtgagtttgg acnt      764

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<210> 3038

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 3038

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tgggnnnnnn nnnttnnnntn tactaanntt atgcctcggt agtacnngct ctttttgcag      60
gatcccatcg attcgaattc ggcacgagat tggggactga catcttaagc tctcacctgg      120
ctgcagtang aaaggccaaa ctgacgacaa aaaaaaaatt ctttataaag atgatatggg      180
aacatgtatc tttgccctgg gtctgggtgg gtccagtcag tctcagattt acaagcattt      240
aggagcctag gtaaaagctg ctagtattct tttaaaagtt atatttatga cttgcaatga      300
tagaaaactc cttccaatta aatggcattt tataatatta tgtgtgtact tcacagtgtt      360
aaaaataccc tcatacgtta ttgcatttga tcttcacaga aagtgcattt taaccagtac      420

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<223> n = A,T,C or G

<400> 3034

cacngaacg	atntnacctt	tggtcangcc	ttttngaagg	accccatcga	tacgagccca	60
tgcgattcga	atnccggcacg	aggacnnagg	nagaccanct	caaggagttc	ntgttctgtg	120
tcatectect	gtgagctctc	tgtaagtctn	tntcttgccc	atcaccacat	ccctagtact	180
gggtatcagt	ctggccactt	ggcttncctg	attgccccaa	tgtggtctat	ncttgatgca	240
gctgccaaag	taatgttnta	aaaccattat	accaagtnnc	tatnctngtc	anaacccccca	300
gtaactgcca	atctcaacttn	naatnaaatc	cgnactccng	tgaagcacag	cataaactgg	360
ccactggcta	tcagcaacc	tnatntntac	cgtttactgc	ctngctcact	ccctttcann	420
gccnttgatt	cttctgatg	ccnctagtca	caacaactnc	tttgctgctn	caagagtang	480
aaaatnactg	atcnctntga	catgagatcg	catntttatg	gtattacctt	tgcgtcattg	540
ctgaatcttc	nccaatatca	tnttctanaa	tagagccttt	taaaataccc	ntacnntatt	600
atgccnttnc	tcaattttca	antccctgaa	ntgccccatn	tcnccacttt	tcagtagnca	660
ctttaattgc	ttatcctgga	aaatttanca	cctanaattg	gtcaccatt	gaaagaatag	720
ggnnatggca	aanttattgg	gcctttngtc	naactgtntc	gnncttan	gaaccaagnc	780
aacttnggct	tnanaagtaa	ggcncctca	accaaaatnt	tct		823

<210> 3035

<211> 823

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(823)

<223> n = A,T,C or G

<400> 3035

cacngaacg	atntnacctt	tggtcangcc	ttttngaagg	accccatcga	tacgagccca	60
tgcgattcga	atnccggcacg	aggacnnagg	nagaccanct	caaggagttc	ntgttctgtg	120
tcatectect	gtgagctctc	tgtaagtctn	tntcttgccc	atcaccacat	ccctagtact	180
gggtatcagt	ctggccactt	ggcttncctg	attgccccaa	tgtggtctat	ncttgatgca	240
gctgccaaag	taatgttnta	aaaccattat	accaagtnnc	tatnctngtc	anaacccccca	300
gtaactgcca	atctcaacttn	naatnaaatc	cgnactccng	tgaagcacag	cataaactgg	360
ccactggcta	tcagcaacc	tnatntntac	cgtttactgc	ctngctcact	ccctttcann	420
gccnttgatt	cttctgatg	ccnctagtca	caacaactnc	tttgctgctn	caagagtang	480
aaaatnactg	atcnctntga	catgagatcg	catntttatg	gtattacctt	tgcgtcattg	540
ctgaatcttc	nccaatatca	tnttctanaa	tagagccttt	taaaataccc	ntacnntatt	600
atgccnttnc	tcaattttca	antccctgaa	ntgccccatn	tcnccacttt	tcagtagnca	660
ctttaattgc	ttatcctgga	aaatttanca	cctanaattg	gtcaccatt	gaaagaatag	720
ggnnatggca	aanttattgg	gcctttngtc	naactgtntc	gnncttan	gaaccaagnc	780
aacttnggct	tnanaagtaa	ggcncctca	accaaaatnt	tct		823

<210> 3036

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 3036

ncgttgnnnn	ttctntgatt	ccttgntga	ngcttttct	gcaggatccc	atcgattcga	60
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<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 3032

tnngttnnnn	ttgttatnnc	ctnngaaacc	nttggctact	ngntctttct	gcaggatccc	60
atcgattcga	attcggcacg	agacctgagc	taggggttgca	gcagaaaatt	gagttgcagc	120
ttgcccttgt	ccagacctat	tttctgcttg	cgttttttgaa	acaggagggtg	cacgtaccac	180
ccaattatct	atggcagcat	gcatgtatag	gccgaactat	tatcagctct	gatgtttcag	240
agagaagacc	tcagaaaccg	aaagaaaacc	accacctctc	tattgtgtct	gaagtttcac	300
gtgtgtttat	gaaatctaata	gggaaatgga	tcacacgatt	tctttaaggg	aattaaaaaa	360
aataaaagaa	ttacggcttt	tacagcaaca	atacgattat	cttataggaa	aaaaaaaaatc	420
attgtaaagt	atcaagacaa	tacgagtaaa	tgaaaaggct	gttaaagtag	atgacatcat	480
gtgttagcct	gttcctaata	ccctagaatt	gtaatgtgtg	ggatataaat	tagtttttat	540
tattctctta	aaaatcaaag	atgatctcta	tcactttgcc	acctgtttga	tgtgcantgg	600
aaactgggta	agccagttgt	tcactctcgt	ttccaaatnt	aaaggatagc	tgggttaggat	660
attttggtca	tatttgtaaa	tttttgaaat	gcttagtaat	gtgttttcac	cacaagtatt	720
tgttgcaaac	ttaatgncat	ttccttaana	agggtacagc	tatgtaat		768

<210> 3033

<211> 823

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(823)

<223> n = A,T,C or G

<400> 3033

cacngaactg	atntnacctt	tgttcangcc	ttttngaagg	accccatcga	tacgagccca	60
tgcgattcga	atnccgcacg	aggacnnagg	nagaccanct	caaggagtgc	ntgttctgtg	120
tcactctcct	gtgagctctc	tgtaagtctn	tntcttgccc	atcaccacat	ccctagtact	180
gggtatcagt	ctggccactt	ggcttntctg	attgccccaa	tgtggtctat	ncttgatgca	240
gctgccaaaag	taatgttnta	aaaccattat	accaagtunc	tatnctngtc	anaaccccca	300
gtaactgcca	atctcacttn	naatnaaatc	cgnactccng	tgaagcacag	cataaactgg	360
ccactggcta	tgcagcaacc	tnatntntac	cgtttactgc	ctngctcact	ccctttcann	420
gccnttgatt	cttcctgatg	ccnctagtca	caacaactnc	tttgctgctn	caagagtang	480
aaaatnactg	atcnctntga	catgagatcg	catntttatg	gtattacctt	tgcgtcattg	540
ctgaatcttc	nccaatatca	tnttctanaa	tagagccttt	taaaataccc	ntacnntatt	600
atgccnttnc	tcaattttca	antccctgaa	ntgccccatn	tcnccacttt	tcagtagnca	660
ctttaattgc	ttatcctgga	aaatttanca	cctanaattg	gtcaccatt	gaaagaatag	720
ggnnatggca	aanttattgg	gccttngtc	naactgtntc	gnncttanen	gaaccaagnc	780
aacttnggct	tnanaagtaa	ggcncntca	acccaaatnt	tct		823

<210> 3034

<211> 823

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(823)

aaattacact taaaatgggtc accttcatga tgggaaggca attaattgcc tttgtcactg 720
gtatgtctag agaacaagca gnttgggtca tagtaggcac tcaacaaaaa ttt 773

<210> 3030
<211> 751
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(751)
<223> n = A,T,C or G

<400> 3030
ngttnnnntt gtnctntntc tctgaaancg tttgggtact tgttcttttt gcaggatccc 60
atcgattcga attcggcacg aggtagggtg aaagcctggt cagctattct gcaagacagt 120
caaaaaattgt ttacagggtt ggacagcata ttgctattga aaaatagcta ttaggagacc 180
ttgcacaatt tgtgaaacat tgttaggtc attgtactgt gtaaaatcag gaaagaattt 240
gggaacatac tgatacaaca aaaagatagg ttgtcaaacc ctcaactnac cagaaagcta 300
aattaaccag ataagtcttt ctgaaagttt tagtgtctta gtttgttctt gcgctgtaac 360
agaatacctt agactgggta acctataaat aataggaatt tatttctcac agttttggag 420
gctggcaaat gcaagatcca ggtgctggta cgttcagtgt ctggcaaggg cggctttctg 480
gtccaagatg gtgccttttt ttctgcatct tccataggga atgaacactc cttatggtag 540
aagggatgga aggaccaggc tttttttttt ttttggatac agcaggatct tgctctgtcg 600
cccagcctgg aatgcaatgg ctgattaagg tcaactgnagc ctcaatctcc cacttttcag 660
cgatcatcca ccttancctc ttggatagct gggaccgcag cacanctaca tgctgtntta 720
attattttgt aaaaccgggt ttncgtgtgc n 751

<210> 3031
<211> 752
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(752)
<223> n = A,T,C or G

<400> 3031
ntaatccaan aaccttgttg aagcctttgn annnccnadc ggcaggaccc atcgattcga 60
attcggcacg aggaccagg tagaccagct caagagttca tgttctttgt catcctcctg 120
tgagctctct gtaagtctct ttcttgccca tcaccacatc cctagtactg ggtatcagtc 180
tgccacttg gctttctggt ttgcccacat gtggtctatt cttgatgcag ctaccaaagt 240
aatgttttaa aaccattata ccaagttact atccttgtca aaacccccag taactgccaa 300
tctcacttag aataaaaatcc ggactcctgt gaagcacagc ataaactggc cactgcctat 360
gcagcaacct catctttacc gtttctgccc ttgctcactc ccttcacgag cggttattct 420
tctgatgcc cctagtacac aacaactnct tctgctcca agagtaggaa aattactgnt 480
ctctctgcca gtgagattcc tcttctggtt ttacctttgc ttcatgtctg aatcttctcc 540
aatatcatct tctaaaaaga gcctttttaa atcacctttt ctattatgcc ctactcaatt 600
tccagtcctt gaatgcccat tccccacttc atagcactta ttgctatctg aaattcacta 660
aatgncacct tcatganggt aggcaattta atgncttggc actggtatgt ctanagacaa 720
gcactgggcta tagtaggcac tcaacaaata tt 752

<210> 3032
<211> 768
<212> DNA

gtaactgcc	atctcactta	gaataaaaatc	cggactcctg	tgaagcacag	nataaaactgg	360
cactgcctat	gcagcaacct	catcttttacc	gtttctgcct	tgctcactcc	cttcagcgcc	420
gggtattcttc	ctgatgcccc	tagtacacaa	caactccttc	ctgctccaag	agtaggaaaa	480
tnactgtctc	tctgccagtg	agattcctct	tctgggtatta	cctntgcttc	attgctgaat	540
cttctgcaat	atcatcttct	aaaaagagcc	tttnaaaatc	acctttttcta	ttatgcccta	600
ctcantttcc	agtccttgaa	tggccattcc	ccactttcat	agccacttaa	ttgctatctg	660
aaattacact	taaaatgggc	accttcatga	tgggaaggca	attaattgcc	tttgtcactg	720
gtatgtctag	agaacaagca	gnttggctca	tagtaggcac	tcaacaaaaa	ttt	773

<210> 3028

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 3028

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catcgattcg	aattcggcac	gaggaccag	gtagaccagc	tcaagagttc	atgttctttg	120
tcctcctcct	gtgagctctc	tgtaagtctc	tntcttgccc	atcaccacat	ccctagtact	180
gggtatcagt	ctggccactt	ggctttcttg	tttgcccaa	tgtggtctat	tcttgatgca	240
gctaccaaag	taatgttnta	aaaccattat	accaagttac	tatccttgct	aaaacccccca	300
gtaactgcc	atctcactta	gaataaaaatc	cggactcctg	tgaagcacag	nataaaactgg	360
cactgcctat	gcagcaacct	catcttttacc	gtttctgcct	tgctcactcc	cttcagcgcc	420
gggtattcttc	ctgatgcccc	tagtacacaa	caactccttc	ctgctccaag	agtaggaaaa	480
tnactgtctc	tctgccagtg	agattcctct	tctgggtatta	cctntgcttc	attgctgaat	540
cttctgcaat	atcatcttct	aaaaagagcc	tttnaaaatc	acctttttcta	ttatgcccta	600
ctcantttcc	agtccttgaa	tggccattcc	ccactttcat	agccacttaa	ttgctatctg	660
aaattacact	taaaatgggc	accttcatga	tgggaaggca	attaattgcc	tttgtcactg	720
gtatgtctag	agaacaagca	gnttggctca	tagtaggcac	tcaacaaaaa	ttt	773

<210> 3029

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 3029

nttnagcnta	nnagccggtg	tantgaagcc	cntttgctac	ttgctctttt	tgaggatcc	60
catcgattcg	aattcggcac	gaggaccag	gtagaccagc	tcaagagttc	atgttctttg	120
tcctcctcct	gtgagctctc	tgtaagtctc	tntcttgccc	atcaccacat	ccctagtact	180
gggtatcagt	ctggccactt	ggctttcttg	tttgcccaa	tgtggtctat	tcttgatgca	240
gctaccaaag	taatgttnta	aaaccattat	accaagttac	tatccttgct	aaaacccccca	300
gtaactgcc	atctcactta	gaataaaaatc	cggactcctg	tgaagcacag	nataaaactgg	360
cactgcctat	gcagcaacct	catcttttacc	gtttctgcct	tgctcactcc	cttcagcgcc	420
gggtattcttc	ctgatgcccc	tagtacacaa	caactccttc	ctgctccaag	agtaggaaaa	480
tnactgtctc	tctgccagtg	agattcctct	tctgggtatta	cctntgcttc	attgctgaat	540
cttctgcaat	atcatcttct	aaaaagagcc	tttnaaaatc	acctttttcta	ttatgcccta	600
ctcantttcc	agtccttgaa	tggccattcc	ccactttcat	agccacttaa	ttgctatctg	660

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agegcattga cttcaccct tccgagcgca ttaccagtct tgtcgtctcc agcaatcagc 180
tgtgcatgag cctgggcaag gatacactgc tccgcattga cttgggcaag gcaaattgagc 240
ccaaccacgt ggagctggga cgtaaggatg acgcaaaagt tcacaagatg ttccttgacc 300
atactggctc tcacctgctg attgccctga gcagcacgga ggctctctac gtgaaccacac 360
ttgagaaggc tgcctcctag gctctgctca gtcattctgc aattgccaca ctgtgaccac 420
gttgacggga gtagagtagc gctgttgccc aggaggtgtc aggtgtgagt gtattctgcc 480
agcttttcat gctgttcttc agagctgcag ttatgccaga ccatcagcct gcctccagc 540
agaggccctt cacctggaga aagtcagaaa tctgacccaa ttcacccctt gcctctagca 600
cctcttctgt cctgtcattc ccacacacgt tctgtttcac ctcgagagag agagagagag 660
agcacctttc ttctgtctgn tcaacttttgc gggctntgga atnccagctc ttctctntca 720
gaagaagcct tctcttctc tgcctttagt gtgtncctaa agt 763

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<210> 3026
 <211> 933
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (933)
 <223> n = A,T,C or G

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<400> 3026
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tcgaattcgg cacgaggctg ccaccacccc cgggcccagc ctgtctgaaa gttcaggggtt 120
taggcogaaa aacccggtgg ggaggggtgg ggagccggag ctctgtggcg gggctggagg 180
gctgggggtg acttttagttt ggggcgggac gggagccgcc gttgtgactg gcgtgggtctg 240
gctgctgctc ccgaacggag gggtcagnnt tggtctgctg ggccctcaga gccagtgagg 300
tggtcttgac tgggtccct actccctgca cccagctggg cgcaccttgg ggcctgcggg 360
ctgaatgtat cctccctn agttttaacc tgagctgccg aacgcacagt gggcncgggg 420
gcnaagctgt gnggaaaccg gggcccaatt acggatcccn ggaagttaca ggtgccnacc 480
tgatgtcnct ttntcttggg gcccaactta ccttacttgg tcttgaanac ttagcttctt 540
nggggggtag gcccngggc ccnccaaaa aanncntggn nncccgnt ttccaaccn 600
ttggccccgg tggccttgnt ttganttatt gangccctg gntttggncc aaataaanc 660
ccccttgggt tntggggggg aaaggnaatt ttngggccc caaccnccn tttggaaaaa 720
aancccccgg gaangggnaa aaaaccgggg nccnntttnt tgccccttgg ggggtttttt 780
nccngggaaa aaaaaccccc nnttttaatt ggggnttttt ggggtccccg tttccaanaa 840
aacacccttt ggttttnaaa agggggggga attgngccn ttnaaacccg ggcccaaac 900
cnntaagnaa tttccnaac ccgctttnaa nnn 933

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<210> 3027
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (773)
 <223> n = A,T,C or G

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<400> 3027
nttnagcnta nnagccgttg tantgaagcc cntttgctac ttgtcttttt tgcaggatcc 60
catcgattcg aattcggcac gaggaccagc gtagaccagc tcaagagttc atgttctttg 120
tcattctcct gtgagctctc tgtaagtctc tntcttggcc atcaccacat ccctagtact 180
gggtatcagt ctggccactt ggctttctgg tttgcccaca tgtggtctat tcttgatgca 240
gctaccaaag taatgtnta aaaccattat accaagttac tatccttgtc aaaaccccca 300

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<222> (1) ... (757)
 <223> n = A,T,C or G

<400> 3023

gnttntncat	antgaaagcn	cttgttcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgagcagatg	gtttttaacg	cctaccaggc	tggggtagga	gcactcaaac	tctccatgaa	120
ggatgtcaca	gtggagaagg	cagagagcct	cgtggatcag	atccaagagc	tctgtgacac	180
ccaggatgaa	gtttctcaga	ctctggctgg	tggggtaaca	aatggccttag	attttgacag	240
tgaagaactg	gagaaggaat	tggacatcct	ccttcaggat	accaccaaag	aacctttgga	300
tctgcctgac	aacccccgca	ataggcattt	taccaacagc	gtgcctaacc	ctaggatctc	360
agatgctgaa	cttgaagctg	aacttgagaa	actgtcctta	tcagagggag	gtttgggtccc	420
aagcagtaaa	tctccaaaaa	ggcaattgga	accgactcta	aagccattgt	aggaccctca	480
agtgaaggac	cctcatgtaa	aagagagacc	aggcctgctg	ggtgtgtaca	tagntattta	540
aacaagaaac	tctcagaatg	tgtttggaag	angagaaagg	agaaccactg	attttatctg	600
gatgctacta	cttactacag	gacagatnga	atctcttgga	accgatgctt	caaangcttg	660
gttcccactg	natcatggac	ctgccttntn	atcttttatag	gggccnccaa	tttatacagt	720
cctgtggctg	acctgncatt	tcatancttg	cagttct			757

<210> 3024
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (752)
 <223> n = A,T,C or G

<400> 3024

ntaatccaan	aaccttggtg	aagcctttgn	annnccnate	ggcaggaccc	atcgattcga	60
attcggcacg	aggaccacag	tagaccagct	caagagttca	tgttctttgt	catcctcctg	120
tgagctctct	gtaagtctct	ttcttgccca	tcaccacatc	cctagtactg	ggtatcagtc	180
tggccacttg	gctttctggt	ttgcccgaat	gtggctctatt	cttgatgcag	ctaccaaagt	240
aatgttttaa	aaccattata	ccaagttact	atccttgtca	aaacccccag	taactgccaa	300
tctcacttag	aataaaaatcc	ggactcctgt	gaagcacagc	ataaaactggc	cactgcctat	360
gcagcaacct	catctttacc	gtttcctgcc	ttgctcactc	ccttccagcg	ccgttattct	420
tcctgatgcc	cctagtacac	aacaactnct	tcctgtccca	agagtaggaa	aattactgnt	480
ctctctgcca	gtgagattcc	tcttctggta	ttacctttgc	ttcattgctg	aatcttctcc	540
aatatcatct	tctaaaaaga	gccttttaaa	atcacctttt	ctattatgcc	ctactcaatt	600
tccagtcctt	gaatgcccat	tcccacttcc	atagcactta	ttgctatctg	aaattcacta	660
aatgncacct	tcatganggt	aggcaattta	atgncttggc	actggtatgt	ctanagacaa	720
gcactggcta	tagtaggcac	tcaacaaata	tt			752

<210> 3025
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (763)
 <223> n = A,T,C or G

<400> 3025

netctactca	gattgcttgg	cgntctntnt	gcaggatccc	atcgattcga	attcggcacg	60
agccccactc	ggggatgtg	aatgccccagc	tggagaagga	agtgcccatc	ttcacaaagc	120

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(810)
<223> n = A,T,C or G

<400> 3021

ngtctntnac	ttcgtggctc	ctttngaaaa	tccccctttg	cnggatccca	tcgattcgaa	60
ttacaggctt	gagccactgc	accaggccct	aagagctctt	tnctttctta	tcacacagtg	120
aattaaaata	ttttggatct	taactatccc	atattaagcg	atcctttcct	caaatagaaag	180
aaaatactta	attagaacat	atatgtttta	actgatacag	taagttgttt	gtaagcctct	240
agaactatag	tgagtcgtat	tacgtagatc	cagacatgat	aagatacatt	gatgagtttg	300
gacaaaccac	aactagaatg	cagtgaaaaa	aatgctttat	ttgtgaaatt	tgtgatgcta	360
ttgctttatt	tgtaaccatt	ataagctgca	ataaacaagt	taacaacaac	aattgcattc	420
attttatgtt	tcaggttcag	ggggaggtgt	gggaggtttt	ttaattcgcg	gccgcggcgc	480
caatgcattg	ggcccggtag	ccagcttttg	ntccctttan	tgagggttaa	ttgcgcgctt	540
ggcgtaatca	tggnccatagc	tggttcctgn	gtgaaaatgn	tatcccgggc	acaattncac	600
acaaacatta	ccgagccggg	gagcnttaaa	agtggtaaaa	gccctggggg	tggccttaaa	660
ggaggtggag	cttaacctca	ccaattaaat	tggcggttgg	ngccttcaaa	ttggccccgc	720
ttttccaant	ccggggnaaa	accctgnncn	tggccaaant	tggaatttaa	aggnaaatng	780
ggcccaaang	ccccggggg	gaanaaggct				810

<210> 3022
<211> 765
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(765)
<223> n = A,T,C or G

<400> 3022

gntnnttcta	atgcttgggt	acttggtgtt	ctttctgcag	gatcccatcg	attcgctgaa	60
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atatnttaag	cgccccagc	gaatgaacag	catataactc	cacataaaaa	tcattaaatg	180
taattgactt	ccanagcang	cagttctgnt	gtatgcctct	ggagaaggct	ggctgaattg	240
naattgggtc	gtaccttctg	tctatcatgt	acatgaggtt	tttgggcaaa	gagaactttc	300
cacaaaataa	gtccaaaaat	tatacgatca	tcagacaacc	aatancatat	tgatganata	360
tctccaagat	ctanaatnnt	nctgngtgct	aaggaantct	ttgnggtttt	tacaaatatt	420
gataatgcac	ttntataaaa	atgcactttt	tataaaaaatg	catgctcagt	tnagacaact	480
tggnacaccc	ctgaaaagg	ncnngcgtn	tgngtnacgc	ctgnaatccn	agcncctgtn	540
gaggccgaga	cgggtggatc	acnatgtcag	gaaaatgnga	ccatnctggg	taacatggng	600
aaaacnccgt	ctctncttaa	aatncggana	attngcagga	tntggtgccg	gccncctatn	660
gtncatttta	ctcannaagg	cttgagtnag	gaaaatggtg	tgaanccctt	gaaanangan	720
nttttcaatn	accgggggatn	ccnaccnttg	aatttnatct	gggga		765

<210> 3023
<211> 757
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

aggctnaagt tggaaggatt gcttgagcct aggaatccaa ggctncaatg agcccatgat
 caccaattga ctgc

720
 734

<210> 3019
 <211> 795
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(795)
 <223> n = A,T,C or G

<400> 3019
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 gcaagatccc tccacctgtc attatggtgc aaaatgtgag cttcaagtat acaaaagatg 120
 ggccttgcac ctacaataat ctagaatttg gaattgacct tgacacacga gtggctctgg 180
 tagggcccaa tggagcaggg aagtcaactc ttctgaagct gctaactgga gagctactac 240
 ccacagatgg catgatccga aaacactctc atgtcaagat agggcggttac catcagcatt 300
 tacaagagca gctggactta gatctctcac ctttgagta catgatgaag tgctaccag 360
 agatcaagga gaaggaagaa atgaggaaga tcattgggagc atacgggtctc actgggaggc 420
 cactgtatga ggatcaattg agcctagaag ttcaagacca gcctgggcaa agtagggaga 480
 ccccttctct acaaatagta ataaaatgaa ccggggcata gtagcatgtg cctgcggtcc 540
 ccagctgtct tgataagaag angtcactt tgacccaggg aagggtgang ctgcagttag 600
 ccataaccgt gcccggttac cacttccaag cccttgattg accaggaacc gaanaccact 660
 tggnccttca aaaaaaaatt naaaaaaaan ttcannaatt ggcttggaaa aaaaanaaat 720
 nnntnnnnnn anaaaaaact ttggggccct tttttnaaac ctntttgggg gaggtccgat 780
 tttacctaa nantc 795

<210> 3020
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 3020
 aanccctttg aaaatcccct ttttgcagga tcccatcgat tcgaattcgg cagcagggan 60
 ntnaggccan ganacaaagc agcntttgac agnangagac actcattggn aggnctaagt 120
 tcncctgtg ctgatacaag catgaactnt ntggaatntt ctgctantct gaaattacan 180
 cnantngnet ggggttnngn ngacgcntgg caatgggtgt ntnacacac nganttacnc 240
 tgaaccncaa cntggacngc acatnacaca catcanactt tcacngngca tctcgaactc 300
 ngggttcacc cgatncngaa accntatgct accaagaagt gcgtgncctc taggcacacc 360
 tcactattgc cgggcaaatt nntgtgantt cggagctttt gcagaancnn gannnctgca 420
 tgaacnccaa gctggactca tannaccnga nntcatctga tccgcctgcn ngagctccca 480
 aagggctngn atnatatggn naagccacnc tgcttatcca aggtcaatnt gaaantnnga 540
 ccaacncng ntngatngcc cnnaaaggct naacgggnac atgccnntaa tgccaaaaac 600
 ggtaaanctc tctcancccg ggaacccgga actggnaaac ttgngccgct ttaccaata 660
 atgnntccga ataacgttnn ancccaaaaa nngggcccca gccntagggn gaancntgga 720
 caagcccaca anttggnaat ggccntnnna aaaaaaatgn tttnn 764

<210> 3021
 <211> 810

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ggcnattgan gcatgggtgg cattnatcat gtnaaacaca ggatgaggaa ctgggttngg      360
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annacttnat cttncctatc ttcttaganc ttcatatga agaggtgatg atagctctta      480
ngntgagagc tcttacttac cattgactaa tacatgttct cntgatgnaa ntttgntatt      540
ncaacatcca tgctaaangg ggttattnaa acangnnaac tctngggccn gatgaaggnn      600
nancctncat taactnntca tgntgnnact nnatcnaagg ggccaanttg tnnccctaaa      660
tttttgtaaa aatttngcca atgccnaaaa catatnaatn ttcncttgca natgaaaaan      720
tcncgaancc cnatttnntn aaacagaang gttnttggnn ggaccttttt an              772

```

<210> 3017

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 3017

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gaagngctct gttctttttg caggatccct cgattcgaat tcggcacgag ggcocatgtt      60
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ggacccaggg ctgaggcagg cccccccctc cctcccgctt cagtggatca tgcccagggc      180
ggcagcggcg gcggttgcgg gggggaagtg actgggcggt gccggcgccg gagacgatgc      240
cgtttccagt tacaacacag ggatcacaaac aaacacaacc gncacagaag cactatggca      300
ttacttctcc tatcagctta gcagccccc aaggagactga ctgcgtactt acacagaaac      360
taattgagac attgaaaccc tttgggggtt ttgaagagga agaggaactg cagcgcagga      420
ttttaatttt gggaaaacta aataacctgg taaaagagtg gatacgagaa atcagtgaac      480
gcaagaatct tccacaatct gtaattgaaa atgttggagg aaaaattttt acatttggat      540
cttacagatt aggagtgcac acaaaagggtg ctgatattga tgccttgtgt gttgcaccaa      600
gacatgttga tcgaaatgac cttttcacct cattctatga taaagttaa atttcnggga      660
agaagttaaa ggatttaaga gcttgttgna agangcattt cgtaccnagt tatttaaac      720
tctggtttga tggggattag aagattggat attttgtt              757

```

<210> 3018

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(734)

<223> n = A,T,C or G

<400> 3018

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nctatnactg antnccnttc nngctgcagg atccctcgat tcgaattcng cacgagggga      60
cactggattc tcattctact caaactccca ctaggactgt tggcttggtc gcttctcaag      120
tgtttgattt tttctgagtt aatatttttg ggtgtaattt acatgtagga aaatgtacac      180
attttttagtg tacagttcac caagccttgg caagcatgta tagcctggta acccacaagc      240
caatggagac ctagaacatt cccgtgacct cagatgttgg gttctgtgtg ccttcccagg      300
gcttgtggct gggcacatca ggcattggcg gtaccatgcc tgacagctct gaaccagtgt      360
ggcgacctgg gtctgggagg tctgagggga cccagcaccc tgcaggcggt tccttttgtc      420
tcatgtagca gtgcagatgt ttggaaagtc acacgtaaat cttgaaaaac tggaaacagg      480
ccangcgtgg tggctcatgt ctgtaatccc agcactttgg gaggccaagg tangaggact      540
gcttgaggcc aggagtttga gaccagcctt tggcagcata gaaagacctt gnctctacag      600
aaaattttta aactagccag gtgtgggggg gttgcatgcc tgtagtccca gcaacttgg      660

```

tntntctnct	gnactntcgg	gaacttcctc	tttgtgcagg	atcccatcga	ttcgaattcg	60
gcacgagggg	agtacaaatt	aagatcacag	tgantttnc	ttatccactt	gtcacaaatgg	120
ctaaaataaa	caatagtggc	aataccaagt	cctgtgaagg	atgtggagaa	atggatcact	180
tatacactgc	tgggtgggcat	gtaaaatggg	acaaccagtc	tgaaaagcan	tttggcagtt	240
tnttataaaa	gnaaacatgt	aattatatgc	tgagggtctga	atgtcctcca	aaaattcata	300
tgntgacacc	caaaccctca	aggtganggt	tttaggaggg	taggcccttt	gggagattag	360
cttctgagga	tggagcccca	tgaatgggat	tcatgcccct	ataaaaaaga	anccccagga	420
aacgaccttg	cccttcacca	tgtnatcaag	aatgtgcggg	ctatttacga	naganncctt	480
gcncaaacac	tgaatctgac	ggtgccttga	ntcgggggct	ttctgggcct	ctnntaacca	540
tgaggaaana	aatctcannt	gntntataac	caacctancc	naaggatanc	cnggtattaa	600
caggccccac	antgngctaa	anatggncat	attgaacccc	accagttanc	cacctctttg	660
ggccaatttt	attnccaag	gggaaaatgg	tnaaaattgg	gggnttnatt	acccaaaaaa	720
acccttgtnn	ccnnnnnaaa	angggttcca	ntanccantn	atnnnaaaan	cccntnnggt	780
tnanccccc	aanaaacttt	tggggaaaac	aaanntnnn	aaaaanggtt	tttnt	835

<210> 3015

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (764)

<223> n = A,T,C or G

<400> 3015

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ggcctcacgc	ttcggggaga	ctcgccctgc	ctcatcgctg	ccgtcattcc	agggagccag	120
gccgcggcgg	ctggccctgaa	ggagggcgac	tacattgtgt	cagtgaatgg	gcagccatgc	180
aggtggtgga	gacacgcgga	ggtggtgacg	gagctgaagg	ctgcnggaga	ggcgggcgcc	240
agcctgcagg	tgggtgtcgt	gctgcccagc	tctagactgc	ccagcttggg	ggaccgcggg	300
cccgtcctgc	tgggccccag	ggggcttcta	aggagccaga	gggagcatgg	ttgcaagacc	360
ccggcatcca	cgtggggccag	tccccggccc	ctcctnaact	ggagccgaaa	ggcccancag	420
ggcaagactg	gaggctgccc	ccagccctgt	gccccagtga	agccagctcc	gcctcatcct	480
tgaagcacc	aggggtggccg	tgaggggccag	gatecctgca	cgcctcacc	tggtccaac	540
tggcancaag	caccgagcat	gcccttccca	cccaaaggac	cttcnggcaa	tgcttgtnc	600
cgccttatgc	ttggaagctt	gctnngggca	ccttgccctg	nccattttaa	gactggtcan	660
aacctgaaaa	aaaaaaaaan	aaaaacttcg	agaaaaggcc	cnaacattgg	agaatcaaga	720
attntatctt	ggnacttgca	tttgancctc	tttcttaaaa	ttnn		764

<210> 3016

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (772)

<223> n = A,T,C or G

<400> 3016

gttattcttt	cnaaaangnt	gggntactcg	ttctttctnc	aggtagccnn	tcgattcggt	60
tgtaggcaat	ggaaagccac	cagtggtttt	agttgagcag	caatgaaatt	aagcctgtgc	120
tttgcaaaga	ttaatctanc	agcnacagat	tggagcaaac	accaccattc	ctggatatcag	180
tccacgtana	atatattaca	gntctntact	ggagcaannn	cagtaattatt	anaaggagaa	240
ataaaannna	anaatattgc	acaggcagaa	tggggaggtc	ccacngatgg	agctgatctt	300

<220>
 <221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

<400> 3012

gnntncnaat agcnaggcta cttgttcttt ttgcaggatc ccatcgattc gaattcggca	60
cgaggagaaa gtaaagtccc tttataatgg catgtgaacc agacaattta gtageccagg	120
ttgtaaggca actcttaact gacaatatag ttagtatatt ctgggccttc atcttcaaaa	180
ttagtaggta gtatttattg agtgcataac atgtgccagg cctggtgctg agtgcttaca	240
atgatcattt tatatatggg aaaattgagg ctccagcagg tcaagtgcct tgtaagagggt	300
agcactagta agtaacagtg ctcaaattca actaggtctt tcagcttttt atacaatact	360
gcctgttatc agaaagtata gtcttaaaat ctgctatcaa gcacttatca gaagcctgat	420
gagaaatatt cagatgatct aacgcagttc ccaaacctgc attgtgggccc gttttcatta	480
caattaccta aggtgcttta aaaattttct tgggcccctac tcgttgtggg tcagcagctg	540
tgtaatggag caaaaaggaa tagtcactaa acagcgaagg aaagtgggtg aattattgaa	600
agacctagca cttacctgct gggatgagtc tcttacccca cagaattgat ttcaaacaca	660
ggacttatcc aagataagga taataaccac tatcttcttg ggtnggaaaa aagtacatta	720
gactgngttt ttaaaaaatt tggatatgaat ttc	753

<210> 3013
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

<400> 3013

gnnnnnnnan ttntcaagct acttgttctt tttgcaggat cccatcgatt cgaattcggc	60
acgagatgac ttcctagctt taccgggggt tttttctgca ggtggagaag ggtggagtc	120
tcccagatgg ttctttcttt gctcccctaa cagcctttaa gatgtggcta cttgtttttc	180
ccaccgttta acaccctcca acttcatttg gagcacgggt tcctcaaggg atcctgagag	240
ctgggtgctg ggtgctgggt tggagaggca ggatgatgct tctcccggct ggggagagca	300
gagcaggaag gctggttggc gccatgagga aagagccacg aggttttagc tcccgaaccg	360
actcgtcagt agcccctct ccatgttggg tttacatttt tccctcctgg tctggactac	420
tttagcgcaa ggagcccagc cagacacggc agcaggccgc attgacccgt ctccatcgga	480
ccccagcccc tatctccaag agacagagga ggggtcanga ggcactgctc atctgtacat	540
actgnttcct atgacattac tggatttaag aaaacaccat ggagatgaaa tgcctttgat	600
tttttttttc tttttgtact ttggaaccac aaaatgaanc agaacttgac cctgagctta	660
aataacaaaa ctgngccaac tactactggg gatgccta atgaatccac gtgtaaccag	720
ttntaatcct ttatttttaa aaaaaaaa	748

<210> 3014
 <211> 835
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(835)
 <223> n = A,T,C or G

<400> 3014

aaggccaatt gggcaancag angcccaa

748

<210> 3010

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3010

gnttctaattg	ctnggctctc	gttctttntg	caggatccca	tcgattcgct	taggggaagg	60
aaatgaaggt	cagctttggg	tatactagtg	taagggtgcc	atgagacatt	cagataaaaa	120
ccagccacca	ggcatatgga	gataacaggg	ctgaacttag	gagaaaagcc	tgggttgaaa	180
cagagattcg	gatatcctca	gtatgaaggt	gatagttgaa	actggggact	ggatgaccga	240
aagagatcac	ccagaacacc	agtacagaga	ggagagagct	gaggatggaa	ttttgggaca	300
taggtgcttc	tacagcacat	ggcaccaacc	tctaataatc	acaccacttg	ctattacatt	360
tgatttttga	aagagtagcc	tgcgagtaa	tgggaggaaa	ctagattgta	tatgttgatg	420
agcaactaga	aacaaagaag	tgagggccc	tagttgtaga	ctaattgttt	gaaacatttg	480
gctgtgggct	gggcatgggt	gctcatgcct	atagtcccag	cacttgggga	ggccaaagta	540
gaggatcact	tgaggccaan	agttcaagac	ccctgggcaa	catagcaaag	cccctgtgtc	600
tatttaata	aattaaatta	aaatanaaat	cagnaaaacc	cacaaggctc	attattcctt	660
ttccaaaaaa	aaggaaaaaa	aaaagttggc	ttgttgaaaa	agnaaagggg	aaaccnaatn	720
gggccaatng	gctttggaag	aatctttngn	aaatggnttg	naaanacttt	ttgttngggg	780

<210> 3011

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(754)

<223> n = A,T,C or G

<400> 3011

gnttcaanag	acagctactt	gttctttntg	caggatccca	tcgattcgaa	ttcggcacga	60
gattgtcttg	tggtatgggt	cttcagcatt	ggattcagca	gccagcttcc	tagtacgaag	120
gcaacgatta	cctccacagg	gtcccttcca	ttgtcctcct	gcatcatttt	cctccaactt	180
gaataaatgt	tctaccacc	tttctccttt	atcttctcta	ccccctgtac	cccgtccct	240
ctcacaatta	actctacagc	agaatgtgaa	ttctctgatt	ttagaataac	tattttatgg	300
taacttcaaa	tatatcctag	ttgtatccac	attcagcttg	ggtaggtacc	ttcatagtag	360
ctcatggatt	aattgtccac	tgacccaat	catagtcatt	tttggtttgg	gttgtcatat	420
gctccccaat	agatgaagaa	gagaataact	cttagccgac	ttcatcagca	ggtagggaga	480
gagtctctga	tgaggttata	tttcattatt	cctcacaatt	gcatagtgcc	ctcttacctc	540
aaaaaaaaacc	tttccagggt	ttttcaaagg	aattattttta	ttcctncaca	acaagcctgt	600
gggantcgga	gcaaaaggca	aaagtgatta	cctgagacat	tagataactc	gcaatatcac	660
cctgggttaac	aactgagggg	cccttgggct	ttgancttct	gntttccgaa	tnanggcttt	720
ttcctgncat	cntggcataa	tncaanccat	ggcn			754

<210> 3012

<211> 753

<212> DNA

<213> Homo sapiens

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ccgaaggggtg gaaagcccag ctctgctggc atcagcccca gaggcagaag gtgcctgccc 360
ctcctgtgag ggggttcagg gaccccgat ggccccagag aagtacacag gggaggaaga 420
tgagagccggg ggacattcgc ctgccccttc ccagactgag gagtgcctca gggagaggcc 480
aagcacctgc ccgcccagag accagggcac ccctgaagtc acccaccct gcaaaggaca 540
catggaangg caagcnggct cgatcccagc aggagaaccc agagagccag cctnaagaag 600
aggcacgccc cttaaccaa cccttcgtcg tancttgagg tcaaaggcaa cgtnttcggn 660
cancgaaac anggcacctt gnattccaac ggnttnaaga acccnttnca cttttcgggt 720
tcttggcgtn ttccttgaag gaaggttcaa an 752

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<210> 3008

<211> 720

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(720)

<223> n = A,T,C or G

<400> 3008

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gnntcttoga tcagctcttg ttctttttgc aggatcccat cgattcgtgt attcagaaga 60
aagcaaggat agaatgagta taactcttta aaatttggag gcaaaattgg ctgtgagttg 120
ccatggagat aggagcaatg gatgtccaag gtctgaggaa atagaaactg ttcgaaataa 180
ttgcagagaa agcttgccaa cgggtgataag taggtttgtc tagcagcact gatgcgtcgt 240
ggaagttgat ggtcatgaac atacagtgtg ataacctatc tgccctcttg accttttcta 300
gtagtgttat gtcatttttg tactaaggta ggtgaatttt ccaagtgttc ttggaaataa 360
ggaaacatca agaataatgt aaaagcctca tatacaataa tgaataataa agaataatgt 420
gaaggcttca ttcaagggtt ggggtttgcc gatacattgc aacaaaatga cagagcagcc 480
aaggtattta ggatagtggc caaagtattg taatgatggc ttatggagtg tcagctggat 540
aaagagtga aatgaataaa aactaatgga ttgttcagtc gaatagcaga tggtagaatg 600
gtacatggcc agtagaatag gggcccaata aattgaagac catcagagtg gtagtgataat 660
ccacaagtgg atgcagggat cnagccaagt cgatgacatg catgttgcta tgtggacaga 720

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<210> 3009

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3009

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gnnnnttnna tcagctcttg ttctttttgc aggatccctc gattcgaatt cggcacgagg 60
aaggaagaaa atttgggact ttgtttttaa agtggaatac tatcttctta aacaacttgt 120
gtttaaaaa agccccaatc cacacttgat cttcttaagc taggaaaagt gagctcacac 180
tgagtgtggt caggatgctc catgtgcac attattttgt ttaattctca caataactct 240
ctaaatccct tttgaggata aggagactgg ggctgggaga agttatttca aggagtaaata 300
aaaaaattca gaccacttgg ggttttatgc caaaggctct gtttttataa atacacaata 360
ttgttgccca gttgtgatga aacataattt atgaatttca ctgaggggaat ttgcgaaaag 420
gaaagaattt acttttccct cttaaagcaga ggcttttcat atgcaactgt taaaagacac 480
acgagcttgt ggggtctgat ggtggtctga gctgttgctg ttgggagagc tgctgggaca 540
ctagcaggaa gacgtagttt gtgctcantg gccaaaggat gcgccccctg aaggcaacca 600
gatccggact acgcagtgtt ttccaggctg gaggtgccct nctcaactgt cttacaaagt 660
tcccaaagca gccacccaaa tctggctgct ctttatgccc aaatggattt ggcaggaaaa 720

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gnnnnnnnnnt	ntatanatac	angctacttg	ttcttttttg	aggatcccat	cgattcgaat	60
tcggcacgag	cctcatcagc	aagccagtga	gaggggtgcct	atccgaggat	gatattccat	120
cacctntgtc	agattctgct	tactagtcag	nccccaggcc	caggccactc	gcaaggggag	180
gacattacag	gagggctgag	tataggtggt	gtgatctgtg	gggaccgtcg	cagaggctgn	240
ccancacaag	gggttaaaac	ctataaaaact	tcgaagttag	atttaataat	tntcaattac	300
taggaaatag	ataaaaaaaa	atthttctgtc	cttcacanaa	cactaaagta	tgtattggat	360
ttnttatecc	ccctgaattt	tgtgtgtgtn	gtgcttccca	gttgaagcag	taattcaggt	420
tcattaatgt	ttacttcaaa	gccgaattgg	agncttgact	nacacagttc	aacgctcttt	480
tcagtaacan	tntcaaattc	ctttacggtt	atthnttgcc	acataacaca	ctatcctaaa	540
atgctggggc	ttaaagcagn	caccactgtg	tttgcttatc	atgctgnnga	tcagcattta	600
nggctgngct	cgngntgggc	cgnttttcat	gtgaattagc	ttcttgggcn	ttaacttcgt	660
gtggggtctn	gcccntnggt	cttgntgggc	naacttggga	caattcccag	ggggaccctt	720
tgggaatggn	ccttgngaaa	ttnccggaag	ccgtggggnt	ttnccecaan	ccaaantttg	780
nnaaccag	gg					792

<210> 3006

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (728)

<223> n = A,T,C or G

<400> 3006

cnentnaact	cnnaaacttt	ccgccncnn	ngcangacc	atcgatnca	attcggnacg	60
agcctgnntc	caggagatat	gngcgttttn	tcagcagtga	tnaaaatcnt	gggcaggtgt	120
tatngcnctg	ttngcntgaa	ncacacncac	ctaenngcn	ggaaacaagc	aggntgntgc	180
ttacttgctt	ttcccaggca	gaagtggcca	gagncggggc	ngaaaggatc	caccaacanc	240
cncnratnca	tgatngcann	tgnncnntnn	tgnaangnc	ancaaaagcn	cacttgctgg	300
tgaaggtgcg	ngangnnggn	nncaaacnct	ttnacncgca	nnagaaccna	atnctttaac	360
gggnataaat	ggggctgctc	acgctctgga	ccnntcccg	gaagactctg	aanagnnggc	420
tcctttctcg	gttgctgact	ggtgcttgga	gctgccaaac	ccnacaaaac	tgaaaataca	480
gaatggnttc	acgtatanag	ncacannnca	caantgccgg	actacagccc	ntganegaat	540
gnaancactt	gncatatta	cntgacnctg	gannacaaac	tntgaaaant	actctctgnc	600
ctgggnngcc	atnaattctg	ccacctgnag	atnccccatt	attncttaat	aacngaaaac	660
agncttgcc	tccgatagtt	aangcgggtg	ccnctaagcn	ttaacgnttc	gcaanattnn	720
tcagatta						728

<210> 3007

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (752)

<223> n = A,T,C or G

<400> 3007

gangtgctnt	ntctttttga	ggatcccatc	gattcgaatt	cggcacgagg	agcggggagg	60
cgagcatgag	cccccgagcc	ggccctgtgg	cctcctggat	gaggatggga	gtgagcccct	120
ccctggggcc	agaggggagg	tccctggagg	cagcgtcac	tatggggggc	cctcccctga	180
gaagaaggca	aaaagtccct	ctggggggcag	ctcccttgcc	aagggccggg	ctagcaagaa	240
acagcagctc	ctagccacag	cggcccacaa	ggattctcag	agcatcgccc	gcttcttctg	300

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 3003

agctnccaca	nanagctgna	ttccganctt	nctgcaggag	ncnctcgatn	cgaattcggc	60
acgaggccgc	cactcgtatc	ccccggccct	ttncagnntt	ggagctctag	ccggggccgg	120
agtgggagcg	gcggggccct	tggagagacg	gggggcgcaa	cccggacgac	actctgtgac	180
cggctacggg	gactgcgcgc	tgggcgcccc	gtaccaggac	gagctaacag	ctttgtctcg	240
cctgacggtg	ggcaccgggtg	ggcgagaagc	cggagccccg	ggagaacctt	nggggattga	300
gccgncgggt	ctgcaggagc	caccagggtc	tttcgttccg	gaggccgccc	ggggcccggt	360
gcgggagcca	gaggccaggg	aggactactt	cggaatcatg	ctcacatggn	cccctctgca	420
cggagccctc	tgccaagcca	gatccttttc	tccatccttg	gaagtctgca	atggagagaa	480
atcattctat	aactgaacag	ctcgtttgac	tgatgggaaa	ctgaagtccc	agagacgatt	540
tctgggccta	ncctgctttc	tctagaaagn	attttcaaag	tctgcttggt	gagcaccttg	600
tggactggca	atntttgacc	ggtcatccta	cacactgnaa	caagagatca	taccttggt	660
gnggtagcct	ttntttccca	acagaaacta	aancatntga	atgcccgga	ccatatcttt	720
gaattttttc	aagggtccct	aaggaagngg	gngcctgggg	tnaa		764

<210> 3004
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(751)
 <223> n = A,T,C or G

<400> 3004

nntnctnacc	tnntttggct	accggttctt	tntgcaggat	cccatcgatt	cgcagataca	60
gcctagtgtc	cctcagttac	acaatagtgt	ntnccccntt	ggtaggacag	tctactactg	120
agtcctcctg	gcatgagtcg	agctgagatt	aggatagggt	aatgaccctt	cagttttggg	180
gaagggacca	gagctcggcc	agtgagaagc	ttccagctcc	gtctggccat	atccaggctg	240
ctgaggggtc	tgggctctgt	ccttaaacct	catcaactgac	atgaccacgc	aaacctcttc	300
aagaggaaaa	agtcaccttg	ggtcaaacac	agcttggtgca	gttctcgggg	acctcctcct	360
gccatcctgg	ggatgctgtg	gagaatggag	atgcacaggg	ggctttgtcc	tctcctctgc	420
cttttgagga	aaatatttca	ctcaaggcaa	acgcagcctg	agggcagcac	aggggacccc	480
aaggctcact	gcgcatttct	agtcgcccc	aaacgcgtgg	gttttctctc	tgggtctctc	540
gtgggtgcct	ttgtcattc	tcacctcct	gttctcatnc	agtctgcccc	gtctgaccgg	600
cttccancag	catccggcca	aaagtttctn	ccatgacagc	aggaaccacc	tnagacaata	660
catgatggac	angcctgctg	ngttccaata	gaaccccgan	ttaattaanc	cgcaccttcc	720
ttttanctgg	atactggtaa	tgacaggggt	c			751

<210> 3005
 <211> 792
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(792)
 <223> n = A,T,C or G

<400> 3005

<211> 860
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(860)
<223> n = A,T,C or G

<400> 3001
ngctnctnnt cnnngntggct tncgtgctcc tgcangagcc natcgattcn aattcgcacg 60
aggccnacac tegnattccc cgcccttng cagcnttgga gctctagccg gggccggagn 120
gggagcggcg gggcccttgg agagacgggg ggcgcaaccc ggacgacnct ctgngaccgg 180
ntacgggggac tgcgcctggg gcgcccggnn ccaggacgag ctaacagctt tgcttcgcct 240
gacggtgggc accggtgggc nagaagccng ancccgcggn gaaccctnng ggattgagcc 300
gtcgggtctg cangagccac caggnccttt cgttccggag gccgaccggg cccggatgcg 360
ggagccagag gccagggagg actacttcgg aatcatgctc acatgggtccc ctntgcacgg 420
agccctctgc caagccagat ccttttcttc atncttggaa gtctgcagtg gagagaaatc 480
attctataac tgaacagctc gtttgactga tgggaaaact gaagtccan agacgatntc 540
tgggcctacc tgggtttctc tagaaaagta ttttcaagtc tgggttgcttg aaccacctgt 600
gggaantggg gatttttttg aancggnnca attccttaca acacntggna accnnganna 660
accnnttacc cctttggccc ctggtnggtn aannnnnttt tttcttnccc ccaaaccng 720
gnaaaaacct tnaagggcnn ttcttggnaa ttggcccaag ggggganccc aattaanctt 780
tttcnnaact ttttttttcc cccaanggtt ttncctcttt taaggggnaa annggggnt 840
ngnccttgan nggttttana 860

<210> 3002
<211> 764
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(764)
<223> n = A,T,C or G

<400> 3002
agctnccaca nanagctgna ttccganctt nctgcaggag nccntcgatn cgaattcggc 60
acgaggccgc cactcgtatc ccccgccctt ttncagnntt ggagctctag ccggggccgg 120
agtgggagcg gcggggccct tggagagacg gggggcgcaa cccggacgac actctgtgac 180
cggctacggg gactgcgcgg tgggcgcccg gtaccaggac gagctaacag ctttgcttcg 240
cctgacgggtg ggcaccgggtg ggcgagaagc cggagcccgcc ggagaaccct nggggattga 300
gccgncgggt ctgcaggagc caccaggtec tttcgttccg gaggccgccc gggcccgat 360
gcgggagcca gaggccaggg aggactactt cggaatcatg ctccatgggn cccctctgca 420
cggagccctc tgccaagcca gatccttttc tccatccttg gaagtctgca atggagagaa 480
atcattctat aactgaacag ctcgtttgac tgatgggaaa ctgaagtccc agagacgatt 540
tctgggccta ncctgcttcc tctagaaagn attttcaaag tctgcttggt gagcaccttg 600
tggactggca atntttgacc ggtcactcta cacactgnaa caagagatca taccttggt 660
gnggtagcct tttnttccca acagaaacta aancatntga atgcccggga ccatacttt 720
gaattttttc aaggttccct aaggaagngg gngcctgggg tnaa 764

<210> 3003
<211> 764
<212> DNA
<213> Homo sapiens

cccgattcac tggggttgcc cangctgggt tcaaatgcc tgggctcaag tgatcatcct
ggcntgggccc tccaaaggct nggga

720

745

<210> 2999

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 2999

gtgtntggnt	nactctttgt	cnnttggcna	ctctgctctt	tctgcaggta	gcccattgca	60
ttcgaattcg	gcacgagtct	cgatctcttg	acctcgtgat	ccgccnnct	cggcctcccg	120
gggtgctggg	attacaggcg	tgagccaccg	cgctgggct	ggatcaaata	tttatccatg	180
cacattggaa	cacaggatta	ctgggtngaa	atcatnctag	ttttgtcatt	tagatacttg	240
tagatgaatc	tatttttagca	canggtataa	ataactcggg	aggatcatctc	tatcttnttt	300
ncttttgtgc	atntggctat	accacgttta	ggtactaaaa	cagctttgct	tatgttggcc	360
angggaaaac	atgggnattct	gtgcgcaaag	ctaataatcn	ncagccctgc	cttggccctt	420
cccttgntta	tggtcattgn	aagatgcccg	catgttaagg	ctnannctgt	cactgggctg	480
ggtgtaatac	ccgatnnatt	cctgcngcna	ncctctnacc	cgaaacatga	anggcactgg	540
gctctattga	gatctcgata	ngatcatcat	tntnaactng	tnttcnactg	agggangtaa	600
acatgatata	tgggtgctgg	tggattgaga	cctcaagcat	caattcaaaa	gtgctggcaa	660
naatatgcac	ttatntnntt	ntgcactctg	gctaagtgtg	ngctctgatg	ccantttata	720
agttggnaca	ttctggggaa	aatggtgnca	ttttnaa			757

<210> 3000

<211> 860

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(860)

<223> n = A,T,C or G

<400> 3000

ngctnctnnt	cnngntggct	tncgtgctcc	tgcangagcc	nategattcn	aattcgcaag	60
aggccnacac	tcgnattccc	cggcccttng	cagcnttgga	gctctagccg	gggccggagn	120
gggagcggcg	gggcccttgg	agagacgggg	ggcgcaaccc	ggacgacnct	ctgngaccgg	180
ntacggggac	tgcgcctggg	gcgcccgggn	ccaggacgag	ctaacagctt	tgcttcgcct	240
gacggtgggc	accggtgggc	nagaagccng	ancccgcggn	gaaccctnng	ggattgagcc	300
gtcgggtctg	cangagccac	caggnccttt	cgttcgggag	gccgaccggg	cccggatgcg	360
ggagccagag	gccagggagg	actacttcgg	aatcatgctc	acatgggtccc	ctntgcacgg	420
agccctctgc	caagccagat	ccttttcttc	atncttggaa	gtctgcagtg	gagagaaatc	480
attctataac	tgaacagctc	gtttgactga	tgggaaaact	gaagtccan	agacgatntc	540
tgggcctacc	tggttttctc	tagaaaagta	ttttcaagtc	tggttgcttg	aaccacctgt	600
gggacntggg	gatttttttg	aancggnnca	attcettaca	acacntggna	accnnganna	660
accnnttacc	cctttggccc	ctggtnggtn	aannnnnttt	tttcttcccc	ccaaaccng	720
gnaaaaacct	tnaaggcnn	ttcctggnaa	ttggcccaag	ggggganccc	aattaanctt	780
tttcnnaact	tttttttttc	cccaanggtt	ttcccccttt	taaggggnaa	anngggggnt	840
ngnccttggn	nggttttana					860

<210> 3001

taattattag	gcctatctga	gagtgaagta	aagtttagcat	tttctttttg	tttatttttac	360
ttattgttta	tttgttttaga	gacaggggtct	cgctgtgttg	cccaagttgg	agtgcagtgg	420
tgctgtcata	actcattgca	gtctcaggct	ggagtgatec	tcccatctca	ccctcctgag	480
taggtgggat	tagcatatgc	caccatgcct	ggctaattct	tttatttttt	aatttttttg	540
tgagatggg	gtcttgccgt	gttcangttg	gtttcaaact	cctgggntca	acggcctggc	600
ctccaaggtg	ctaggattac	aggtgtgagc	taccatgccc	agctgagcat	ttttaaaaaa	660
tactgggctt	tgacatgagt	cgttactatt	ggatctaacc	ttatgactga	tatccctaaa	720
aattattataa	aatttaagg					739

<210> 2997

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 2997

gaagttgtng	atcagctctt	gttctttttg	caggatccca	tcgattcgaa	ttcggcacga	60
gagcaaccct	agcaatagac	tgactctact	acaaaacaat	ttgggtattt	ctcttactat	120
ttctctatta	tatctgttga	gggaatgtta	tcatgagcac	aggtattagt	cctatgcttt	180
taatcggttt	agtggtttct	ttgtgtctca	ttttattcat	ttgtaatttt	tttaaagact	240
ataaaacttc	cacagtttct	ttagatcatt	aagttatatg	actctttttc	atgggggtca	300
gttaacaata	cataagaaaa	catttggttct	aggataatat	atgacctaac	agtcttttgt	360
tagactttaga	gatatacaata	tgcttttctat	gtttcaggca	tattttatat	tcctggaaat	420
taaacaatat	attttaggac	cccataccat	gtgctctcag	taggacgac	acaaatcagt	480
gatcatattc	tagtgtttct	ttataggaaa	tgtaaaccta	tgtcattaca	ttgttagtac	540
aactgacagt	gaaatattta	aaaaatctnt	gtcagccaac	aataatcata	cttcaaataa	600
gccttatgat	atgtgatatc	acattggtga	gtgaattttg	gtcaaggcag	tanaatggag	660
tcactaagag	gacagtnnga	caagctgtct	gagtttcaat	cccagctntg	gtactcacta	720
ntggnagacat	ctttgggcca	atttactt				748

<210> 2998

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 2998

tcttttncta	atgctnggct	acttggttctt	tttgaggat	cccatcgatt	ogaattcggc	60
acgagacccat	gttgcccagt	ctgggtctagt	ctgttttaac	aagttgttgc	tgtgtaatga	120
tatatgtgtg	gtgttaattt	gcttggttctt	aagtttaaat	gaggtagagc	attttatgac	180
atgcctgttc	tagtcttttg	cttatttttc	taattgcctt	ttctttttct	taataatttc	240
agttcttcat	atgttcagca	tactagtcct	ttgtcaattt	acatgtattg	aataatatata	300
ctctcccat	ctgcggctta	ttgttccatt	cttcatgaac	atttgtaatt	ttaatgtcct	360
atttagacct	ttcctctgtc	tattgtttta	tattttgtat	taaaggagtc	attcattact	420
ccaagatcat	gaagattttc	ttgtatgtaa	tcatgtaatc	ttcttaaaag	ctttatggct	480
tttgcttttt	tttttttttt	ttaagagtct	tgttgtgtct	ccaaagctgg	agtgcantgg	540
cacaatcaca	gctcactgca	gcctcagcct	ccctggccca	agtgaccttc	cacctnacct	600
tctgagctgg	gactatagcc	atgcaccacc	atgccagca	aattttttatt	ttttgaagag	660

<400> 2994

ctnctntgac	taatgnactg	aacngcaaat	tcccntanna	anccnngcgg	tgcgggnetn	60
cagactgtag	aagcagaagg	nnccatnccc	gatgnttngn	ttttggtgcn	aaggaccgnc	120
cnnnntagnc	nctgtccctg	atatgacgcc	gcaatgccng	angaancnca	cccaanacga	180
cangcttgtc	nagataagcn	cgcacagggg	gcangcagna	ctgctgcagn	tgccgcagcc	240
gcancacccc	tacaggganc	tgcaacaaaa	tggacaaaacc	acancanatz	cngaggagaa	300
tggagcccat	acnataccaa	ataaccatac	ngatatgagg	gaagtggatg	gggatgttga	360
aatcccnctt	aatanagcag	ccgtgtannn	gggccatgaa	tctgaaactc	tatcaagngc	420
ctgcancccn	ggtagcganc	tcctagcgnc	atggngctgn	gactcaacan	cangnatatg	480
gaancttaag	cgagaacanc	ancagnggct	ctacanagcc	gtactnagan	atngtatncc	540
acanggangg	cancangtnc	caagcnacaa	ngangtnana	ncngtanacg	ggaannaana	600
anggacactt	ntggccaccn	gggccctatg	angggaaancc	ccngaatacg	gactaaagaa	660
ggnaaacctc	ctaaccanct	tangggcaca	ttaaagccct	ttattcncat	taaaaaggna	720
atnccaaagg	aaatttncaa	cccaagcncc	cggccgngng	naaaat		766

<210> 2995

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 2995

cnttttgatt	tcnctttggc	naccncctct	ttntgcagga	tcccatcgat	togaattcgg	60
cacgaggaga	atactttata	cttctcagct	ttttttgtat	ttgactgtga	cctgggttata	120
ccatttgcca	ctgtgaggct	tagctgtgca	tctgtgaatg	ggagattggt	cttagagatt	180
ggtcatagtt	gtccacctgc	ctcggaaaact	gcaggtacaa	atgcagcagc	aaagtattta	240
cattcttact	tcagggtctga	tctcctatct	ctatcagtc	ttttgaaggc	anagaatggt	300
aatttggaa	aacctgcata	tttattcaaa	tttccagaga	gatgaaactt	tcagaatgct	360
gtgctgcagc	gccccctagt	gccgngctgt	actgatagtc	cccagcgtct	cctgaagccg	420
aaagtgggtg	ttcccgcagt	tccggcggga	gagctgtagc	cagcaggttg	tgcaagtga	480
cattagacat	cttttctcct	tctcgccttc	cttgggctga	gatggaggaa	tgtgtcttta	540
ttgctgaagg	caaggtcttt	gtttttcctt	tagcaggaac	actggttttc	ccacttcgnt	600
aacctttgcc	caaggtttct	caactcaagc	cccctgaggc	cgtagtggcc	ttcacacacc	660
tccagaaggt	aaactgacca	gcttanccaa	caggctatgc	tttaaggang	aagggctctt	720
tggttcccat	cctgctgggg	ggggggg				766

<210> 2996

<211> 739

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(739)

<223> n = A,T,C or G

<400> 2996

tcttctnant	tcnnttggct	cttgntcttt	ntgcaggatc	ccatcgattc	gcggcacag	60
cccaggctgg	tcttgaactc	ctcagctttt	acttttagctt	cccagtgtgt	tgggattaca	120
ggcatgagcc	acaatacctg	gccaagtcct	tttttttaat	caaatagactt	attaatacac	180
agtttctttg	ccagcttttg	ttttcatttg	ctatcaaaaa	tggttgcttag	tagtgctttg	240
atctgagtta	tcaataacag	gtaaatgcca	ttatggataa	taattcaaaa	agaagcttat	300

<220>
 <221> misc_feature
 <222> (1) ... (824)
 <223> n = A,T,C or G

<400> 2992

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cgnttcgaat	tcggcacgag	gagactccag	gctgagctgg	ctgaccgacc	caatccccct	120
acccgccttc	tgcccgtga	cccgggtggtg	agaancccgga	aggtaacngt	gggggggagag	180
caaaaaaacac	atgaaaaaat	gctcatcatc	actggccatc	agagaaatgc	aaatcaaac	240
cacaatgaga	taccatctca	caccagtttag	aatggcaatc	atagagcttt	tcatttatct	300
gagtgttttc	ctctgcttgt	cgggacttgt	gctttcacga	gtcctgtctc	tcatatcagg	360
ggagtgaata	attgaatttg	gatagttttt	tggtttttag	ttggaacact	ccttttctctg	420
tggaacgtct	atagaaaaaa	tgagtcaaac	aganaatatn	caggggaggc	aactctgaat	480
gcttccatgg	ctacatacat	acctgtttct	ttgatttgct	aaaccctaan	ttaaaaggaa	540
agtactgtct	aaaatanggg	agaaaattcc	ctatatattt	acccatcatt	ttgagtnttt	600
tacaattggg	antggtttnn	gtattattaa	attggtcaaa	aaaaggtttn	aaaacaanga	660
cttncnttaa	aatttaagaa	aggggnaaaa	cttttttttt	ttaantggat	tgggaaaata	720
gggggcttta	aataaaaaact	ttnaattntc	cttntaactn	ccttttaaan	atttttgtna	780
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<210> 2993
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (765)
 <223> n = A,T,C or G

<400> 2993

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aagtcactac	taatcatgac	tagctgatta	taataattga	gagtaaaactt	ttaaaattat	180
taaatatacct	gtgaaagttg	gagcacagta	accattaacc	ctaaatttga	tactatgtcc	240
atatgaattc	agatcataat	agtgtctctat	catgtgaaac	tactaaagga	tgtatagagt	300
taaatattac	gtatccactt	taatgaagaa	taggtattac	acagtaatgg	ttgtttaaaa	360
aaattttttt	tatataatat	cagagttttac	ctgatgtgct	tgggcatgca	tagntgtcaa	420
caatgatttg	ctagttgtac	agttttgtat	gctgatcaga	attatcanaa	gtttgtaaag	480
catcttntct	tttgattcat	acatgaaaca	aaaacaattc	tgtgtattct	cagtgttctg	540
gataaaaaaa	ttttaagtgc	atatactttn	taggaaatat	gacagatgct	tgtcataata	600
caaaaatatn	ttactttttt	attatgctca	ttncatggtg	gagaggaaac	ntancccgga	660
aggaaggaag	aatanggatt	ggaaaacatt	tggctactta	cctgcaactc	atccttggtg	720
aacangccat	gtgcacattt	acacccatgc	cccatatacc	ncatg		765

<210> 2994
 <211> 766
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (766)
 <223> n = A,T,C or G

tggaacatn gtggcaatct ttta

744

<210> 2990
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 2990
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 cggcacgaga acacttacag cctatatgtt aacttctctc ctgggatata gaaagtatca 120
 gcctaacatt gatgtgcaag agtctatcca ttttttggag tctgaattca gtagaggaat 180
 ttcagacaat tatactct cccttataac ttatgcattg tcatcagtggt ggagtcctaa 240
 agcgaaggaa gctttgaata tgctgacttg gagagcagaa caagaagggtg gcatgcaatt 300
 ctgggtgtca tcagagtcca aactttctga ctctggcag ccacgctccc tggatattga 360
 agttgcagcc tatgcactgc tctcacactt cttacaattt cagacttctg agggaaatccc 420
 aattatgagg tggctaagca ggcaaagaaa tagcttgggt ggttttgcat ctactcagga 480
 taccactgtg gcttttaaagg ctctgtctga atttgcagcc ctaatgaatc agaaaggaca 540
 aatatccaag tgaccgtgac ggggcctagc tcaccaagtc ctgtaaagtt tctgattgac 600
 acacacaacc gcttacttct tcagacagca aaacttgctg tggtagacca atggcagtta 660
 atatttncgc aaatgggttt ggatttgcta tttggcactc aatggtggat ataatgggaa 720
 ngcttttggg ncttttaaaa nacaaaa 747

<210> 2991
 <211> 756
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(756)
 <223> n = A,T,C or G

<400> 2991
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 caggcagagg tgccctcagc ccagggttagc aacactcata gttttgcca ttaccagtag 180
 acactagtgg aaccatctaa ctggaacttc ctctctcctt ccacttattt cctcaaactt 240
 gttgctttac actagacaca tgcaaagtga tgttttaaac acaccaaacc agatcatgcc 300
 aaatgagttg cctgtcaaag gctggagggc aggaggagggt cctgggtttg gggtctttcc 360
 tcccagcctt tggatggtgc ctggggcccc ttagccccag cgccagggcc tcccagctga 420
 ggccacagga aagcactttt ttatgatgta ctaaaagcca cagtatgtgg caactgcaaa 480
 aggatcagga atttangta tgatctcggg cacgtgtccc gggcgctgag gggaaaggaa 540
 gcgggcatga ttgtagacaa tgaggggggt ctcttgatgt aatgaaatgc aattttatgg 600
 tttggtgcaa aaactctatt ttccagtaaa ttaactttat ttctnaagca tattttggat 660
 ttgccatcaa gaagcaataa agcattaaat ctttaaaaaa aaaaannnnn nnnnnnnnnn 720
 nnnnnnnnaa aaaaaacttn gagccttttt naactt 756

<210> 2992
 <211> 824
 <212> DNA
 <213> Homo sapiens

cagttttgct	tttcaaaata	tacctttaag	gaaatggctc	gggtaangtg	gctcacacct	660
gtaatcccac	actttnaana	ngcttnangt	gggaangttg	gctttgaggc	taggagttca	720
ngaccagcct	gggcaacctt	nncaagantg	ggctttttaca	caacacnnct	ccacacacac	780
ncnnactnca	nanacacacg	cngnccaggn	tancattanc	nanganattgn	ntttttttacc	840
cccnncnncn	c					851

<210> 2988

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(851)

<223> n = A,T,C or G

<400> 2988

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accttgaaa	gcttgcnata	atacctgcat	tatcctcgca	gtnggtagta	cangacacca	180
tgatatgtgc	cgacatgagt	catttttacag	cccacttcat	tatatgctat	tgtccagcgt	240
gctggcaaa	actagacata	aaacttgact	cgatctnagt	ncctactgct	ncacttggtg	300
catantcatg	ncggctctgc	natcaagnta	atgcatgagn	accntcact	ccatatnntc	360
nnatancaac	ntggtgcact	gcttcanagg	ctntntatgg	gctaagcaca	aacatgctng	420
aagggaatct	gacgaatgac	tgtttanaat	gggatcgag	tatntaagta	ttaggagactg	480
aacctnttag	tgggagtaat	ctttgtgatg	catggatgta	aacagcnaat	ctgggtaata	540
ganacanaag	agtgtgaacc	gcattgtata	aantgtntat	aggttaaact	ttnttatatt	600
cagttttgct	tttcaaaata	tacctttaag	gaaatggctc	gggtaangtg	gctcacacct	660
gtaatcccac	actttnaana	ngcttnangt	gggaangttg	gctttgaggc	taggagttca	720
ngaccagcct	gggcaacctt	nncaagantg	ggctttttaca	caacacnnct	ccacacacac	780
ncnnactnca	nanacacacg	cngnccaggn	tancattanc	nanganattgn	ntttttttacc	840
cccnncnncn	c					851

<210> 2989

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 2989

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agggctgaaa	cagacaccag	ctctccagga	ccagctgctc	caggaaatcaa	cctctaccct	180
gaaccaggtc	cctgaggacc	accacgtggc	tgcaacacag	caggagttca	cagtccagag	240
gagaagcccc	atgctgaaca	gagaatcaca	tccgtgagca	acacaaaagg	tctcaatcaa	300
aaacctctga	aagccactgg	cctagagtta	gaggaagagt	tagccatgag	aaatgggtgg	360
gacacagggt	ccaaaagaag	aaacaatagg	tatcaggctc	agagatgaaa	gggctagaag	420
gaggacacac	cangttcaag	gtctggcctt	tctcgagggc	agtggggagc	catgggagga	480
gcctggacct	gtggccttcc	tgcttcacct	gggcctnaac	ccgtnacgac	cacctggcct	540
ttgagggtga	tctcgtttct	catcataaga	gctctttcgc	tcgtgtngaa	ctgggaantg	600
gccgtcattg	gctgcgcata	cctaaacttg	gtcagggcag	aatgattgct	agnaccacg	660
tgaagcagga	aaccccgga	ttaacttgca	gaatgagttg	gtgangcttg	aaataaatgg	720

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agttaggctt ttctcttttt atttgtttgt gtacctgtaa ctccatataa gcatatataa 300
tcatgttaca tatgttttaa aggcgtcatt ttgcaatgca gttttatcac tagttttttc 360
tctgtcaagg gatgtataaa aatggatcac aaatctaaat ttaaaactat anaacttagg 420
agagaatctt tgtgatcttg gattaaacaa agatttggtta gataagatac agaaagtatg 480
aacaacataa gaaaaaagtc tatagtttaa acttttttat attcagtttt gcttttcaaa 540
atataccttt aangaaatgg tctgggtaag gtgggctcac acctgtnatc ccagcacttt 600
tgaaaggctt gangtgggaa gtttggcttg aggctaggaa gttcangacc cagnctgggc 660
accatagcaa gganggtctt ttacacacac acaccacnac ncacacacac ncacacacna 720
nacaccgcan cccaggtngc ntttgaaaga actggctttt tacacacccc cac 773

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<210> 2986

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 2986

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gtacagattg gtgtatagta ttttacagcc acttcattat atgctatttc cgtgtactgg 180
caaaaaagag aataaaactt cctaggatat aagtacctac tgctgttttg gtgcatgtcc 240
agttaggctt ttctcttttt atttgtttgt gtacctgtaa ctccatataa gcatatataa 300
tcatgttaca tatgttttaa aggcgtcatt ttgcaatgca gttttatcac tagttttttc 360
tctgtcaagg gatgtataaa aatggatcac aaatctaaat ttaaaactat anaacttagg 420
agagaatctt tgtgatcttg gattaaacaa agatttggtta gataagatac agaaagtatg 480
aacaacataa gaaaaaagtc tatagtttaa acttttttat attcagtttt gcttttcaaa 540
atataccttt aangaaatgg tctgggtaag gtgggctcac acctgtnatc ccagcacttt 600
tgaaaggctt gangtgggaa gtttggcttg aggctaggaa gttcangacc cagnctgggc 660
accatagcaa gganggtctt ttacacacac acaccacnac ncacacacac ncacacacna 720
nacaccgcan cccaggtngc ntttgaaaga actggctttt tacacacccc cac 773

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<210> 2987

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(851)

<223> n = A,T,C or G

<400> 2987

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accttggaag gcttgcnata atacctgcat taccctcgca gtnggtagta cangacacca 180
tgatatgtgc cgacatgagt cattttacag cccacttcat tatatgctat tgtccagcgt 240
gctggcaaag actagacata aaacttgact cgatctnagt ncctactgct ncacttggtg 300
catantcatg ncggctctgc natcaagnta atgcatgagn acccntcact ccatatnntc 360
nmatancaac ntgttgact gcttcanagg ctntntatgg gctaagcaca aacatgctng 420
aagggaatct gacgaatgac tgtttanaat gggatcgag tatntaagta ttagggactg 480
aacctnttag tgggagtaat ctttgtgatg catggatgta aacagcnaat ctgggtaata 540
ganacanaag agtgtgaacc gcattgtata aantgtntat aggttaaact tttntatatt 600

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gnntntttcta	atngctnnggc	tcttgttctt	tntgcaggat	cccatcgatt	cgaattcggc	60
acgaggctgg	tgtaggggtt	ctttgttttt	ggggtttggc	anagatgtgt	ttaantgctg	120
tgcccanaag	cggagggagg	gggtttggtg	gaaattcttt	gctatgatgt	ctntgtggaa	180
agcggctgtg	catacattca	attgctatta	aaaaaaaaaa	aaaaaaan	caaaagataa	240
nnctaataa	anaaatnctc	ataaganacn	angaccttn	aacntnttcn	nactgggtatt	300
nngtaaatec	atccttnanc	ananncatnn	tnnagttcng	accaacaann	nntngatnnc	360
cntgnaaaan	ntgnttnatn	agggaaattc	agcgatctat	tgnttnatng	cgancctttt	420
ntgannccaa	taancaggnn	aaccacttcc	atggntttcg	tnaaatnctn	aaggntctgg	480
gngaannatt	cngagngtct	ncaataactn	gnctagagn	tattccatgn	cccccagnac	540
ctaaatcttt	ggccctttta	gcatagggaa	tttccccacc	ncncctta	gctagccatt	600
ntctgtttca	tnccncaa	ttgnacttcc	cataaccact	tccaaganaa	ananttttnc	660
ncggcggaac	tntacttgga	aaaccctnnc	gagttcccta	angaagaagn	ncctaacc	720
ccattnaaaa	ttgacgtnc	gattttgtnc	cancggtttt	gancaannng	gnaacccttc	780
cggac						785

<210> 2984

<211> 798

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (798)

<223> n = A,T,C or G

<400> 2984

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aattccaatt	ccacattttc	aagaaataag	gaggcaaaaa	ttttcatata	tgaattggaa	120
ttatttggtt	tcttattagg	cogagatgcg	ccgcgtgcgg	ctgctggaga	tgccggacgc	180
gatggatatg	ttctgccaag	ggttggtttg	cgcattcaca	gttctccgca	agaattgatt	240
ggctccaatt	cttgaggatg	tgaagaaaga	aaaaagttga	actagatttg	gtctgatgca	300
nttacagatt	tacaaactgt	gccccacccc	tctgcagac	accttccact	cctcattctt	360
gagggtattg	ggatggagg	catgcttctg	tatcgacttc	atgctgacca	gggtcactga	420
gtcccctaaa	gtgagaggaa	tgaaactctt	gggcttctga	gttcaaata	gttctgggg	480
cacctggagt	agcttgaaag	gctggtattg	gtgtaataca	ngctgaangt	ggaagtgttg	540
gaacctgaag	gacaaacagc	tnaccatcca	tttaaataaa	taagggccca	aaagttacca	600
naaccagtgg	ccacnaaggg	gccccagcag	aaggaaanaa	accnnggtga	aggtgccgg	660
ataatnggac	ctcgantgcc	tttttaaaat	ctcaannggg	tttgcccccg	ggttccaaat	720
gggctttaac	gnccttgga	atttccagcc	nnaagaaaa	aacccccnaa	ggccaagggt	780
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<210> 2985

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (773)

<223> n = A,T,C or G

<400> 2985

gcaatgcttg	gnnanatnnn	aggtctttga	tcnccatcgt	tgatcnaccc	catcgnttctg	60
aattcggcac	gaggttacct	gtgtatgact	gaagtacata	ttcgttatct	gcgtgagaca	120
gtacagattg	gtgtatagta	ttttacagcc	acttcattat	atgctatttc	cgtgtactgg	180
caaaaaagag	aataaaactt	cctaggatat	aagtacctac	tgctgttttg	gtgcatgtcc	240

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 2981

gnnnnttnnn aanaacagct cttgttcttt ttgcaggatc ccatcgattc gaattcggca	60
cgaggttacc tctcaatttt aacttttttt ttctttttta attaatgttt ttaccatg	120
gcaagctgta atagcttttt tgaggggagg taggtgcttg ataaagaaca gtaggtgctg	180
cttatcaaca gatgaaagga gggttctttt tcaggcaacc atctcatttg tgagtgaatg	240
gactttctct ttaaagtgtt gggattgnta gtgccatttn tattgtaaat atcagaattg	300
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aaagttggga aaagctgggt tgagagggca aaaggaaana naaagaattc tgtctctgac	420
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ggttnagagc cgggtgatag ctgtggatgt agaaagaatc tgaatatatt gtgtcatagg	540
gntgacctga ttgtctaatt gagtagttaa ggatgtggna aagtggaaac aagcatggct	600
tcaangtctg ggcctgaaaa accgggagaa tgagtcacat naactaagac gggaaagaca	660
atggtagggg cctgtttagg gaanactnng nagaagatta ncnctcatt nctaatgatg	720
taatncatan aatcttgcan ggcctt	747

<210> 2982
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(745)
 <223> n = A,T,C or G

<400> 2982

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ggagaatggc gtgaaaccag gaggaggagc ttgcagttag ccgagatcgt gccactgcac	180
tccagcctgg gtgacagagc gagactcgt ctcaaaaaaa aaaaatctaa ttatcaaatg	240
catcccatg tgatagtcct acattatgtg acattaaact atattcctgg gtccttttaa	300
ttcccaacta ctgctcttag aggtcttagc cttttatgtt aatttttata aattcaatta	360
aataaatatt attcccaaat cttagtgtt gcagattagt tataaatcct atccaaggta	420
ggttaaaggc caccgtttta cagataaata gtacttttta tatttttatc tgaaatagtg	480
catttggtga gaataaaaaga aggtatgtt aaaaatagaa tcttttgggc ctgggtgtac	540
gccctgttag tcctagctac ttgggcagct gangtggagg atctncttga gcctaggagt	600
tccagactgc actggcgtca ctgnacttca gcctgggcga cagaatgaga ccctgctntt	660
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<210> 2983
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 2983

<210> 2979
 <211> 792
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(792)
 <223> n = A,T,C or G

<400> 2979

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cacttcccag	atgtctcata	agaaggtggc	cccaggcaat	cttagaaccg	gacaacaggt	180
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gggtgaggac	gcgaccgatg	accagtttga	aagccccaag	aaaaagttta	aattcaaatt	360
ccctaagaag	caattcgccg	ctctcactca	agccattcgc	accggaacta	aaacagggaa	420
gaagactttg	caagtggtag	tctatgaaga	agaggaagag	gatggcacc	tgaaacagca	480
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cagtgaggan	gcaagagcag	cccagcatcg	aagagtacat	cttccgattt	caaggaaactg	600
atgaaattag	aaaaaacacc	ttccngaaca	ttgggatagc	cttggaagca	ggacccatta	660
aacaagcttg	gaaaattcca	attcggtgga	aantgagttc	cccaaaagnc	ccttanttgg	720
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<210> 2980
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 2980

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gcaatctttc	caaagtggca	gccaaggccc	cactccctgt	cctactcaat	ctctgmnngg	180
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ggccccgtct	agggaaaagg	ccacanancc	cactcctnttg	ccgattcagg	gatccttgga	300
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gaaatattac	tgngaggtat	cccacttnag	cctgaaccag	cagacntacg	anagggtcac	420
tctagagtca	cnaaggaaag	cangtccnc	ngaattgcaac	acattgatcg	gaagtgnacg	480
ncncagacna	agaatggccn	acttgataat	tacttangac	ntntatttna	ccggangaac	540
atnnaaatac	ttttgtaaat	attcatattg	ntgaaccttt	cataatcagg	aatttactat	600
gtactatact	gttagtnata	attcgccctat	aattttactta	atctatctcc	ttntangaca	660
tatacnnaaa	tgggntnctn	tgggaagttgc	ctngtgcgaa	aatgttttta	aaagtttttc	720
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<210> 2981
 <211> 747
 <212> DNA
 <213> Homo sapiens

acaaagtccc	ttttaactt	gaggaacact	ttctttcctg	gaagcttgaa	ttcaanaagg	660
caaggggggg	ccaactggct	ttttgggtca	angggccaac	aatcaagaan	cnttttgtng	720
gcaantcccg	ttaccangga	agccaaatnt	tggccaaggg	aacccccagg	aaaacccctn	780
aagggattgn	cccccaaggg	ct				802

<210> 2977
 <211> 828
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(828)
 <223> n = A,T,C or G

<400> 2977						
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ngcacgaggt	gaagaagant	aaaagagaca	gaaagganga	acggctngan	gaaaaggaac	120
agngatgcga	aagaactnaa	gatagaaaac	caccattaaa	actnaaggan	tccnaggcct	180
annacnctca	annaggggaca	ggaggctgac	ctttangctn	gtgngggagga	agtcacctnnn	240
gccantggct	ntgcntggaa	aancatcatn	aagnagnngc	agcncaagg	cttctccant	300
gaggaatagg	ctcaacgtgg	gcnctcaggt	gngagggnanc	atgagcnctc	cntagttgga	360
acatatccct	aagngtatga	tnatgaatnt	cccaggagca	ttctgcaggc	mnttaaccat	420
angacnatnn	ngctgctnct	ntgcgnatat	tnnnntngna	nggancnate	nanncntatt	480
ttgaaacagg	tcccngncan	ttgaaatttc	catccnnaat	ttcngtannc	aaggttttng	540
ctcactcctac	ncnatnnctg	ancagnntna	nctattcnga	naaggtactt	acangnccan	600
cnantancat	tgtagnattg	cgntatnant	ccccttcctt	tnntaattnc	cctaangnac	660
tnaanttnna	anccnnggtg	gataatagca	acnntttcga	tgtggattta	antacccttt	720
gaattccaat	ttttgnttgn	nnattnctat	accttttanca	tgttgaatcc	ctnnattaac	780
aattncttta	ntttggaact	tcttaaccca	ccttcaaatt	tttngccg		828

<210> 2978
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

<400> 2978						
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aaagcatttt	attatgtatt	atgaaatatt	tcaaacataa	aaagatgtaa	agactatcta	120
ccaatgactc	cccccttaat	aaaacaaatt	aacctgaagg	ctgtttttgtg	cccctccttg	180
attgtgcatt	cacctcccaa	cccctcgctc	cttgggcaac	tggtatcttt	gttattttgtc	240
attgccttaa	cattagattt	ttttattact	gcttttgtaa	ttctaattgat	atcaaattgga	300
aaaaatat	tgaatgcaac	tcctctttta	atttgctcca	attggatatc	gtatttttta	360
gtccatgcct	gtattataag	tattataaat	actatctgtn	tatacttttg	ctaaagtoga	420
gtgtattngt	taaactgatg	atacagcttc	ataagatttt	angtcagcta	atggattgtc	480
aatattttgn	gtagaatact	taccagggtta	taaattacaa	tttgaaacat	agatatccta	540
tagttngaga	atttgaacat	agatatggat	tatgttgaaa	tcgactgcct	ttntcttagc	600
tatgacagta	ataaactata	tnacaacaaa	aaaaaaaaaa	ctatanaaac	tcgagccttt	660
tagaactata	tgagtcngat	tacgcgatcc	agacntgnta	agatacattg	atgaatttgg	720
ccaaaccaca	acttgggaatg	caanngaaaa	aaa			753

agttgcggga	aatgttaagg	aataaatgca	ccaacttaga	attctacatc	tagcaaaatt	420
atacttcaaa	agcagagggg	aaatcagaat	ttaccagaca	ataaaacact	aacggaatat	480
attgccagaa	aactttcctg	caaatgtgtt	aaaagangtt	attcatggag	gagaagagtg	540
atatagatca	gaacctgtat	ttacaataag	aaagcaagta	tgttgaaaaa	ggaaaaaaa	600
tgttttattt	ttcttattgn	aaggtctttt	taaactacat	ggtttggtta	aaggtaatta	660
ttaagtaaaa	tggttttggg	gccaanttnc	ccaaaaaaa	aannnnnnnn	nnnnnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnaaaaa	aaaaccttng	ggncctttta	aaaacttttt	780
ngggggngnn	nntttt					795

<210> 2975

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 2975

cagggnttct	aatnncagct	cttggttcttt	ttgcaggatc	ccatcgattg	ggcaaatatt	60
aaatattcaa	tgaatgatag	ctgcctctac	ttctcctttt	gttggtttta	ttttccattt	120
atgggngtca	tttatttatt	ttaatgtctt	cgaaagtatt	gactttaaca	agtactttgt	180
gatgcattta	ttatttcatt	tgttattatt	tatgtatttg	atattttctt	ttgtgaggta	240
ggatanaatc	tcantcagat	ttttgctggt	aggataccac	agactggata	actacaaaga	300
agggaagtct	gtttaactcn	caattctaga	ggctggcgca	tctaagagca	tgacactggc	360
aactggcnag	gatcatctca	tgggtggaag	tngaaggagg	tacatganat	anagagaanc	420
accatgggct	ngactccgct	ntgtacaacc	aaaccttnan	ntnactaacc	cgntcntgca	480
ataatnacat	taatcccttc	atgaagggtc	cacccctcat	gactgattna	catntaatta	540
ggccccacnc	tcctaanatt	attcacttgg	gagntcaaa	ntctaacacc	gtnaaccttt	600
tgnngggata	ncattccnaa	ccnttncnc	nattgntggn	cnaaaaagna	ccnttaccaa	660
tccctttacc	ctnnttgngc	ntaacncnt	ttannagcgt	gananntnna	ctgtttcttt	720
taaaatangg	ntncttaaan	tnncttggan	taaattttta	aattgggnant	atgnncanan	780
ctttc						785

<210> 2976

<211> 802

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(802)

<223> n = A,T,C or G

<400> 2976

gnnnnnnntt	nnaaatnnna	ngctacttgt	tcttttttga	ggatcccac	gattcgaatt	60
cggcacgagc	ctctgcgcct	ggccccgggt	gggtcagccc	gcgtggacca	cctgaccttg	120
gcctgcaccc	ccggcagctc	ccccacactt	ttgcgctggt	tccacgactg	cctgggcttt	180
tgccacttgc	cgctgagccc	aggtgaggat	cccagagctg	gcctcgaaat	gacagcaggg	240
tttgggcttg	ggggactgag	gcttacagcc	ctgcaggccc	agccgggcag	cattgtcccc	300
actcttggtc	tggctgagtc	ccttccgggg	gcgacgacac	gacaggacca	ggtggagcag	360
ttcctggccc	ggcacaaggg	gccaggcctg	cagcacgtgg	ggctgtatac	gcctaacatt	420
gtggaggcca	ctgagggggg	ggcaactgct	ggaggccagt	tcctggctcc	ccctggggca	480
tactaccagc	agccaggaaa	ggagaggcag	atccgagctg	cagggcacga	gcctcatctg	540
cttgctcgac	aggggatcct	gctagatggt	gataaaggca	agtttctgct	tcaggtcttc	600

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gntnnnnnnaa tgcttggtc tcgntcttnt tgntgcagga tcccatcgat tcgctaatat      60
ccagaatcta caatgaactc aaacaaatctt acaagaaaaa aacaaacaac cccatcaaaa      120
agtgggcgaa ggacacgaac agacacttct caaaagaaga catttatgca gccaaaaaac      180
acatgaaaaa atgctcatca tcaactggcca tcagagaaat gcaaatcaaa accacaatga      240
gataccatct cacaccagtt agaatggcaa tcatagagct tttcatttat ctgagtgttt      300
tcctctgctt gtcgggactt gtgctttcac gagctcctgc tctcatatca ggggagtga      360
taattgaatt tggatagttt tttggttttt agttggaaca ctccctttcc tgtggaacgt      420
ctatagaaaa aatgagtcaa acagagaata tgcaggggag gcaactctga atgcttccat      480
ggctacatac atacctgttt tctttgattt gctaaaccct aagttaaaag gaaagtactg      540
tctaaaatag ggagaaattc cctatattta taccatcatt tggagtattt acaatgggag      600
tgttttgnat tataaatgtc aaaaangttg agacaggact cacttaaatt aagangggaa      660
actttttttt aatgatggaa atangggctt aataaactta catctnctta acttcttta      720
taattggnaa taaactatga ctggtcaaga attggacnnt cc                          762

```

<210> 2973

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 2973

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gnnnnnnnct antnncaggc tacttgttct ttntgcagga tcccatcgat tcgaattcgg      60
cacgaggtga tatgaaaagc gaatgcacca tttcttggtg atgattcagg tcagcgttgg      120
gacccaggaa tctcctgtta atcagtaccc tgggtgatttt gatccaggct atcaagacca      180
tggtttccat cgtaggcagt cacactcttt ctctcttgga tcatttgctg tggggaagca      240
aactgtcata tgagaggaca ctcaaacagc ctctggagtc tcatttgcta aggaactgag      300
gactccagcc tgagaactca ngcaagtaac tgaggcctgc caacaacccat ggagaaagcc      360
tggaagtgga tcctccctca gccttcagtc gagacaacag ctgcaatgac agccaagcca      420
gcgccacca gcttagccac cccagagaa ctaactctca gaaaccatgt aagataatac      480
atgttngttg tnttaagctg ctaagttttg gggtnattna ttatacaata gatnattaaa      540
acacatagca tataaataaa atcaataaaa ccagtatggg tcagtaatga gtaattaga      600
taattagaca aattttgcat ttctgnttct atggtnatna ttttcttcag aaaaaattct      660
ctccgggtaa aaaatgttta aaagtgggtc ccaaccggac attttttaaa ttaattaatc      720
agtttnggga aggccaaagc cggtttggtg tgcttttaan                          760

```

<210> 2974

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (795)

<223> n = A,T,C or G

<400> 2974

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gcnanagcng nctnatagct cggttggctc ttgttctttt tgcaggatcc catcgattcg      60
aattcggcac gaggaagaga actatctaaa tgagtaatgg tcaagaaatt ttaaagcata      120
atgacatgaa acaaacaacc ggtccaggaa gctcagagaa tacaattcat gacaaacaac      180
aaaaatacag caccagacat agcatttcct atatgtagaa taaaagaaaa taaaataaat      240
caataaatag acaaagagaa aatcttgaca gaatctggaa tgaaaactac attccttgta      300
gagaaaaaag agcaaggatt tcagcccact tccagtaaga aaccaggcaa gaaagaagag      360

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<221> misc_feature
 <222> (1)...(788)
 <223> n = A,T,C or G

<400> 2970

gntgtntnnt	tacnactgct	gttcttttgn	aggteccatc	gattcgaatt	cggcacgagt	60
aaacatccag	atgtgttttg	atagcctggg	gtaattaagg	ttgaggacaa	gtgtaccaga	120
tcaaggagag	gaacccgtcc	catgcctgcc	gtgtgttcag	gtggctagac	ttgttggtgc	180
atctgttagt	tccactctta	gtacatcatt	gtgctgtgag	gtgtcattag	ccgccgttta	240
atttttcttt	tgtttttaga	gacagtgtct	tgctctcacc	ccggcttaag	tacagtgaca	300
tgatcatagc	tgactgcaac	ctcaaactcc	tgtactcaag	tgatcctnct	gtcttantgt	360
cccaagaagc	taggactgca	ggcacacacc	accatgcctg	gctaattttt	aatttttttg	420
taaagatggg	gtctcctatg	ttgtctcanct	ggctctcaaac	tcctgtcctn	aagcagtecc	480
ccacctttgg	ccttccaaag	cactgggggat	tagnatnctt	atnntcnnnn	atanncetta	540
ntnnncnngt	tttntctaaat	gggtatttna	acnttttnca	aanntttnnn	nnntnnnttn	600
nanaatncnn	ttntntncnn	aaggnnnttt	nccanntntt	ntnnnaannn	naaannnnnn	660
nnnnnnnnntn	nnnnnnnaaa	anccctnttt	nnnaacnnnt	tttnnnnnnn	nnntnttttn	720
nnnnnnnnnn	nnntntnnnt	nnnnnnnnnn	nnntnnnnnat	ttnnnnnnnn	actcnnnnnn	780
tttnnnnn						788

<210> 2971
 <211> 746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(746)
 <223> n = A,T,C or G

<400> 2971

tatntttcna	gcngetcttg	ttctttttgc	aggatccctc	gattcgggtg	tcagcagtaa	60
gatggaagaa	agaaagtcaa	agctggaaga	ggccctcaac	ttggcaacag	aattccagaa	120
ttccctacaa	gaatttatca	actggctcac	tctagcagag	cagagttaa	acatcgcttc	180
tccaccaagc	ctgattctaa	atactgtcct	ttcccagata	gaagagcaca	aggtttttgc	240
taatgaagta	aatgctcatc	gagaccagat	cattgagctg	gatcaaactg	ggaatcaatt	300
aaagtccctt	agccaaaagc	aggatgttgt	tctgatcaag	aatttggttg	tgagcgtgca	360
gtctcgatgg	gagaagggtg	tccagcgatc	tattgaaaga	gggcgatcac	tagatgatgc	420
caggaagcgg	gcaaaacaat	tccatgaagc	ttggaaaaaa	ctgattgact	ggctagaaga	480
tgacagagag	cacctggact	cagaactaga	gatatccaat	gacccagaca	aaattaaact	540
tcagctttct	aagcataagg	agtttcagaa	gactcttggt	ggcaagcagc	ctgtgtatga	600
taccacaatt	agaactggca	gaacactgaa	agaaaagact	ttgctttccg	aagatactca	660
gaaacttgac	aatttcctag	gagaaatcag	agacaaatga	gatgatggcc	gatatgtcca	720
ccagatgacc	agtgcctgcc	ccggan				746

<210> 2972
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 2972

<211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 2968

gctatnttna tatancagct gctcttggtc tttttgcagg atcccatcga ttcgaattcg	60
gcacgagggg ggacacggtg gctgcgtttt cggcgggctt cccgggtaca aaaatggctg	120
tggttagcga tttctacctg cgctactacg tagggcaciaa gggcaagttt gggcacgagt	180
ttctggagtt cgaatttcgg ccggacgggtg tttacgtgta attgttcacc ataggacgca	240
tgaagagtac caagcaagag gggagaggaa agcttagata tgccaacaac agcaattaca	300
aaaatgatgt gatgatcaga aaagaggctt atgtgcaciaa gagtgtaatg gaagaactga	360
agagaattat tgatgacagt gaaattacaa aagaagatga tgctttgtgg cctccccctg	420
atagggttgg ccgacagaat aaatgatgtt tctcaggctt ctgaagaact ctgaaagcct	480
aatttcactc tgtaaaaaga aagtttggtt tctgaattgg gtcttttcaa ctcttgagga	540
aattccttca acaacccttg gaaagggaaga aacatttaac ttcacttttg natatccctg	600
angaatgtcc tttgnatcac cttctttgaa tagaagaaaa tgtggagaaa tctaacacat	660
gcttgcactc ttgttagaat nacttaagtc ttctgcttaa agaaaccctt nttagaaaa	720
accaaaggaa ctttgaaatt gtnaattgga gatgagcncn nt	762

<210> 2969
 <211> 791
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(791)
 <223> n = A,T,C or G

<400> 2969

nnnnnnnnnn ttnancagct cttgttttgc aggatccctc gattcgaaat attttcattg	60
gttatacaac tgctgtgtct tttctgagaa actcagcccc aatgtgtaac accctggatt	120
ccacggggca gcaaattcca cacactgcac ccatgttgtg agcggagatt ttcgggctga	180
ccaaaacttg aggcgaactg agtctccatc ttaacactca aacacacttc atggcggcct	240
ggaaacaagg caatcattat gaagcttcag cccagttctt ctgaaaccaa cgtattgggc	300
ctgcttcatt gtctctctag gggctaatac caaacatgtg ggaagggaag ctaagggaatg	360
cctgtctaga aaggagaggt gtataatgta gtgggaagaa cctatctgtg gggtaaactt	420
tttttgcac atgtagaaaag caaatctggg taattaaatg tttgtgtgtg tgtgtgtgtg	480
tgtgtgtgta tttangtttn nnntanggnn nnnntncnn tnnncnnngc ccngtntang	540
nnnnnnnnng gcanngnnnn ttcnctcenn nnncananga nctnnngncn ngtnnctgtn	600
cnnncttann nntngaangn tnnnttnnga aaacctnnnn tnnncntttt nnnnantggn	660
nnnnnnncnt nnnnnnnnnn nnnnnnnnnn nnnacntnnn ngnnnnangn ccnnnnnnnn	720
tnnnnnnnnn cnnnnnnnnn naannnnngn nnnnnnnnna ttnnnnnnnn nnnnnntnn	780
nnnnnnnngc g	791

<210> 2970
 <211> 788
 <212> DNA
 <213> Homo sapiens

<220>

gaaaccctgt	ctctacgaaa	catacaaaaa	ttagctgggt	gtggtggtgg	gtgcctgtaa	600
tctcgattgc	accctgcac	tttagtctgg	gtgacaaagc	aagactacat	cttcaaaaga	660
aananaannnn	nnnnaaaang	ntnnnnnnnn	nnnaannnnn	nnnnnnnnnn	nnnnannnnn	720
ntngnnnnnn	nnnggnntn	nnnnnaannc	ccc			753

<210> 2966
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(745)
 <223> n = A,T,C or G

<400> 2966						
ggnnnnnnntt	gaaangnttn	ttgtcttttg	cgatcccat	cgattcgaat	tcggcacgag	60
gttacaaca	gtggaaaaca	gacattttca	gatgtttgca	caccatgcac	catgcaaaat	120
acanaccagc	tgaatcataa	naacaaatga	ctagttagtg	ggagggtttt	ctctctttct	180
cattattttt	acttctacca	aagtaatgtg	cacatactgg	tnattttatt	cnattttaat	240
tttcaccaag	ctagctaatt	acctttcttt	gttttttttg	gaggtgggct	gtcggctctt	300
tgctcagggt	gatctccaac	tctgtctctc	aagcagtcct	tccacttggg	cctaccagag	360
tgctgggata	acaggcgtga	accactgcnc	ctgacctata	nctataatnn	taagaagnaa	420
aatggngcaa	aaaccnnaca	ngagcaacct	gacntnctac	tntcanaaac	aatcactttt	480
aactctttga	actgnatctc	tgntatttgc	ctacttattt	ctaagtaata	tgcttactct	540
ncatgttatc	taaatggggt	attaaagctt	tttnacaagc	atctcttctn	actatcaaca	600
ttcacattca	ttacaaangg	acttacaata	tctttntcaa	aaaaaaaaan	nnnnnnnaaa	660
aaaaaaaaagc	ctttanaact	ntanngagtc	gattacgtga	tcccganntg	ataagganca	720
nttgggtgag	ttggacaacc	ccaac				745

<210> 2967
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 2967						
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acgagcgggt	ctggtgcggc	gggggactgc	ggggccngcc	tcaggtagca	gcagcagcag	120
cagcagcagc	agcagcagca	gcagcagcag	cagcaatgtt	tcacttcttc	agaaagcctc	180
cggaatctaa	aaagccctca	gtaccagaga	cagaagcaga	tggtatcgtc	cttttagaag	240
catctcagag	gctctccagt	gacgtgctgt	taaaagtgtc	gaccctgggt	cagacccttt	300
gggttggtct	cgtgggtcca	cgacttactc	tctacccttg	gcagtggcgt	gatctcggtc	360
cactgcaacc	tccgcctcct	gggttcaaac	gattctcctg	cctcagcctc	ctgagtagct	420
gggactacag	gggcctgcca	ccacgcccag	ctaatttttt	tttgtatttt	cagtagagac	480
ggggtttcac	catgttggcc	aggatgggtc	tgatctcttg	acatcatgat	ccgccgctcg	540
gcctccaaag	tcttgggatt	acaggcgtga	gccaccgtgc	ccggcctata	tgtnntat	600
tataaagtta	tatgtnttat	tatttacttt	ttggtatgta	attgggtatg	tcataaaatt	660
ataatataat	aattccttaa	ccaaattata	ttccataaat	tataacntat	gaattcaata	720
tgcntttatt	aaataaagat	tctagan				747

<210> 2968

cagctttgaa	gaaaggcatc	tgcagagatc	atggcagttc	cattttgcgt	tctgagtttg	240
ctcctttagg	taagggaact	agaatgcaga	tacagttaga	atcagtctct	ctctctctgt	300
ttgtctgtct	gtctgtcact	ctctntctcc	ttattgcact	ganggccggg	cgcggtgggt	360
cacacctgta	atcccagcac	tttgggaggg	tgaggcatgt	ggatcacgag	gtcangagat	420
cgagaccatc	ctggccaaca	tggtgaaacc	cgttttctac	taaaaatata	aaaattagcc	480
ggcgtggtgg	tggacgcctg	tnatcccaac	tactcangaa	gctgangcag	gagaattgct	540
tgaaaccccg	gangcggang	ttgcggtgan	ccnaaattgc	gccactgctc	tccaacctgg	600
gtnacananc	aagactctgn	cttaaaaaaa	aaanacaana	aactcgagcc	tntaaactat	660
agngagtcgt	attacgnaga	tccaaacatg	ataagatnca	ttggtgagtt	tggacaaacc	720
ncantngaatt	gccanggaaa	aaaatgcttt	ant			753

<210> 2964

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 2964

tancttnata	gacagctact	tgttcttttt	gcaggatccc	atcgattcga	attcggcacg	60
aggggaccac	tggcctgcct	gacctcacc	cactaatatt	ttttattttt	tgcagagaca	120
ggatatgggg	aaaagaaatc	agattgttac	tgtgtctatg	tagaaaagga	agccataaga	180
aactccattt	tgatctgtat	taagaaaaat	tgttctgctt	tgagatgctg	ttaatctgta	240
acttttagccc	caacctgtg	ctcacagaaa	cgtactgtat	tgaatcaagg	tttaattggat	300
ttagggctgt	gcagcatgtg	ccttggttaac	aatatgtttg	caggcagtat	gcttggtaaa	360
agtcactgcc	attctccatt	ctctattaac	cagggacaca	atgcactgeg	gaaagctgca	420
gggacctctg	cctgagaaa	cctgggtatt	gtccaagggt	tccccactg	agacagcctg	480
agatatggcc	tcatgggaaa	ggaaagacct	tacatcccc	agccggacac	ccttaaagg	540
tctgtgctga	ngaggaggag	tgaaagagg	aggcctcttt	gcagttgaga	taagagtaan	600
gcttctgtct	nctgctcatt	cctgggaatg	gaatgtcatg	gtgtaaagcc	accattccca	660
ttcgttggat	tctgaaatag	gagaaaactc	cctgtggctn	anaaccgaga	tatgtcggca	720
ncaatactgn	tctgntgctc	tttgctnn				748

<210> 2965

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 2965

gnnnttctaa	tagcnagntg	ctacttgttc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgagaaa	ggcttagatc	attgacttca	gattttttgt	cttttctaac	aagtgttcaa	120
gactataata	taaatttccc	tetaagcatt	gttttagccac	atttcacaaa	tttggaaatg	180
tttattcatt	ttcatcttca	ttcagttgaa	aatattttct	aatttccctt	ttaatttctt	240
cttttactca	cttattattt	ggaaatgtgt	tatttcattt	ccaaatattt	ggggattttc	300
aaatatctcc	tgttaacaat	ttctaaatta	gttgtagtca	gagaacatat	tctgtgattt	360
caatgctgag	gcttgtctga	agccccagaa	tatggtgcat	tctgtggaat	gtttcatgca	420
catgtaataa	gaatgtggct	gggtgcagtg	gctcctgcct	gtaatctcaa	cactttggga	480
ggctgaggtg	ggtggattac	ttgaggtcag	gagttcogaga	ccagcctggc	caacataagt	540

<400> 2961

```

nttcntnact naagcncctt gcaacttcct cttntnagcag gatcccatcg attcgaattc      60
ggcagcagga tagctatctg acttctcaac tatgttttaa gcagatgttg taaatcctat      120
gctgtagttc atgaatctat atgacatgtg gggcggggaa catagtaccc taccataagt      180
caggttattc ctactattct gcaacatgta aataacactt tgaacagagc aagtggtaaa      240
gattgcttaa tttttgcatg actattatga taaatatgtt gagaaggacc agctcaaagg      300
aaaacctctt ggtaactnng catangttaa atgtttccca agaaagtgcg ctcttcccaa      360
ataaagcttn ctcttgaaa aanaaacgnc caggtagcca nnntnaanng atgnaaangc      420
aaaaaacnan anacacaang ctngctncag gnanngnnnc tgnngctgact nttgnngagc      480
cnccangnct acggntaacc tgnngctta cnttgaatgn nactgtgncc cttgannnng      540
gaacngaaac ccctcncaa tcctgaaagn gtcntgnaag gtnnaccnt gnaaaaatgn      600
aactnccnmn ccaaanmmtt ccngcnnaaa nnanggnntt gncnccnmn cnntantnng      660
ccngnnnncc aatntectan nnnctangg tntnacnccc cnntnaaana gattttgnnn      720
aagggnttcc ccatnaacnc cnngncccca annccnggna nannnaaanc cttnnccnga      780
atnnnnnggc ctntatcggc cccctttaa attnncgggn nnaaaaaaca annccctngn      840
nnnnnnntaa aantagg                                     857

```

<210> 2962

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (746)

<223> n = A,T,C or G

<400> 2962

```

gnnnntrna atnnnagctc ttgttctttn tgcaggatcc catcgattcg aattcggcac      60
gagccctgt gttaatccag gtgagaacag gtagtaccga aattagggca tggtagcagg      120
gatgcagagg aaagaagagg agtangaact atttgggagg tagtattact aggattttag      180
ctttgaaggg ttgagagaaa tgtcaagcct aactacaagc aagggtttcta gtatcagnaa      240
cttcataatc tttgaaatac aanattanc aatcaatgta aaaaacgtcc tgggctaagc      300
atagcatgaa gtctgacttc agtgtagcat tgaggagggt cctggcctca natactgcac      360
cagntgttng ntcagctntg ggcnaaaca ttagncagat cattaggnat tttgtccct      420
tnntgcattg tccttcgtca tatatttatt aaacacctac tgtatcctag gcagtatttn      480
ccagggatgc aaagatnaat tagatctggg ngcttttctt canagtctga agttaagtgt      540
cangtttgtg gggaangtta ttctngcctt gtgtatttag toccaactta agctntaatt      600
ttngaantng taaaacctta tctgattata aaaaaanna cncagtctna aananaggat      660
ggntgaatgc ataaatttaa tcttgaaaat ttaancgact gggtcttcaa aatgncactt      720
ttcatccccg gttggcttnt ggctga                                     746

```

<210> 2963

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (753)

<223> n = A,T,C or G

<400> 2963

```

gnnnntrtcta atgctaggct acttgttctt tttgcaggat cccatcgatt cgaattcggc      60
acgaggaaat gggtaggaac aagcattagc ctgggtctggg ttctccagc tcttaggaca      120
agttggaaca natttgctgt tctgatgatt catctttctg atcacaggga tagcataact      180

```

<220>
 <221> misc_feature
 <222> (1) ... (761)
 <223> n = A,T,C or G

<400> 2959

nntttncnaa	tncnaggcta	cttgttcttt	ntgcaggatc	ccatcgattc	gaattcggca	60
cgagaaatca	gttnttaaac	tttatgtata	tattntagcc	agagcttaat	gttttatgaa	120
gataaaggac	atgaagntta	acaatggaca	acngntannt	cagctaattg	tgagggtcaag	180
naattgnaag	acatacggga	aggctttgtt	ccacaatatt	atatggacca	ctgaacaaga	240
atgacagccc	tttgttatca	cttggcatat	gaaaagtgtg	gtgtgcatag	gttgngtnaa	300
ttntnatgt	gentaaaaat	gngatnttaa	nttatatgct	ctgaangata	atncagggtta	360
tagttaaaaa	tgtacaatgt	gccanntcan	nntatntnac	cctagccctc	aaattattct	420
gattaagggt	aaaatgtgct	ggcttacngt	gcttnancct	gaggccttct	gatnggntct	480
tggnnacaga	nttttaaagt	aagggtgtgan	ttnggcaact	cntgtgctnt	atntataaaag	540
atatnaanta	atnncatgtg	ctgatatttg	aaaagaattt	nccacaaaat	gtgttatttt	600
aaaancnatc	aaagctagct	acangctnaa	naggctcagt	tcttctntaca	taatcgggnt	660
aaanattnta	aggnattata	anaattgtaa	attactgccc	aattgggtaa	aaaanggggg	720
tatacatgca	annaataana	ctcnagccct	ttataacttt	n		761

<210> 2960
 <211> 857
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (857)
 <223> n = A,T,C or G

<400> 2960

nttctnact	naagcncttt	gcaacttctt	ctttntgcag	gatcccatcg	attcgaattc	60
ggcacgagga	tagctatctg	acttctcaac	tatgttttaa	gcagatgttg	taaatectat	120
gctgtagttc	atgaatctat	atgacatgtg	gggtcgggaa	catagtacc	taccataagt	180
caggttattc	ctactattct	gcaacatgta	aataacactt	tgaacagagc	aagtggtaaa	240
gattgcttaa	tttttgcag	actattatga	taaataatgtt	gagaaggacc	agctcaaagg	300
aaaacctctt	ggtaactngg	catangttaa	atgtttccca	agaaagtgca	ctcttcccaa	360
ataaagcttn	ctccttgaaa	aanaaacgnc	caggtagcca	nnntnaanng	atgnaaangc	420
aaaaaacnan	anacacaang	ctngctncag	gnanngnnnc	tngctgact	nttgnggagc	480
cnccangnet	acggntaacc	tgncngctta	cnttgaatgn	nactgtgncc	cttgannnng	540
gaacngaaac	ccctcncaa	tcttgaaagn	gtcntgnaag	gtnnaccnt	gnaaaaatgn	600
aactnccnnn	ccaaannntt	ccngcnnaaa	nnanggnntt	gncccccnnn	cnntantngn	660
ccngnnnncc	aatntectan	nnncntangg	tntnacnccc	cnntnaaana	gattttggnn	720
aagggnntcc	ccatnaacnc	cnngncccca	annccnggna	nannnaaanc	cttnnccnga	780
atnnnnnggc	ctntatcggc	cccctttaaa	attnncgggn	nnaaaaaaca	annccctngn	840
nnnnnnntaa	aantagg					857

<210> 2961
 <211> 857
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (857)
 <223> n = A,T,C or G


```

acagcangac tttagagctc naagacattn gtnacacaan cttnttggca acttttttca 660
aaacnttgna cacttttatng ggnnnnaaac ttncccnttt tnnnaaacca gatcnttggg 720
gcntcaanct ntttgaancc gnanntgcnn t 751

```

```

<210> 2957
<211> 773
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(773)
<223> n = A,T,C or G

```

```

<400> 2957
ncgaaagncc aangccggac nggacgggaa caccctccca tcgatngcga annccggcacg 60
aggaatcttc cttaaagncc agagcctccc ttantntgga nttttgtcct gcccagcct 120
tctcggggg agggaaactcc ttctgtctgc cgctggnac atccctgagg gagaaggtct 180
gtgagctgag cccacatcac tcgntctgct gcccangtgg gcttccatct tctctgagga 240
aaagncattn ngaactcccc ggcgactgca aattaagtaa tcaaggacag atgggactgg 300
gtngaccatt ccaaggagta cagntactgg aagaatctgg aagcaatacc gagcacatct 360
gntggcatna atccattgga gcaataatgc tggacgtaga aagnatgtcg cntttttaaa 420
aaaacatcat cannnctgag catacgnagc aagngaactc taacttggaa cggangataa 480
attcntctaa aaaacaagag aaaaaaccct ncagacaaaa ttatgcancg agagctttaa 540
aaaatatana tcccacagca tnagggaaaa cactttgnct ggcnatgccc acngnactcc 600
anccctgggc cgacagaacc gaggactccc ggncccaaaa aaaaaannan naagaaagac 660
nngcattaaa gggagaaacc agncnggncc ngggcnagaa aaaacnanaa nanggcaaag 720
aaggcannnn ttnaaaanna nttnaaagac caaagcagnc anagganaaa acc 773

```

```

<210> 2958
<211> 639
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(639)
<223> n = A,T,C or G

```

```

<400> 2958
gannttcnac taatngcttg gntctcgttc tntatgcagg atccctcgat tcgaattcng 60
cacgagaagg cctgtgccng aggggttggc cagttgggag ccngngtcnt cctcatcagc 120
ntatcccat gtctctatg cccctaant gcttnctcat nttggagggn ttggggagaa 180
gttggnngtg ccacccccac atccctgngg aggtgttcac ccagtctgag anccggnagc 240
actnaggcag ggctgatac tggacctgtg tgagctnana nctcnntgnt ngnaanganc 300
tgagacngcn gancantgct cacttgcatt gagagcccac cananagctg acacctgcgg 360
ctnngttncg natcatctnc naentagaan tctacatatn gctgacttac nncnnnagcc 420
caagggaatc agattccanc tatcaaactn ctgattangc cnaancctct attgtnaaca 480
ggtnttggcg cacntgttca tcacnaactn tgcntcgaan agatgtgaaa tgnaaaatgc 540
natntctatg tntctttact catttgataa tntttnnnat gtctgcattc naaatgcgtg 600
anctttgncc aaagcnnnta gctacctntt ntctgcct 639

```

```

<210> 2959
<211> 761
<212> DNA
<213> Homo sapiens

```

tgacagttct	tatgaaacat	gcttttttat	atccttgtgc	caatgttttg	tttacagatc	420
tttcaaaatg	aattcactct	gagaaataat	gaaatgacaa	ttgtgtggca	catgttaggc	480
gttagataaa	ttgggagttc	tcttcttttg	taagattagc	tttaaatacca	caattaattt	540
cagttaggag	agaataagca	tccataccct	atctctttta	ccctgattac	aactagatac	600
ccccggacag	aagacaaaagc	aaccacccaa	agacttctga	aaaggtagat	agtagccagg	660
cagactgggg	aagaagaaat	tnaaaaccct	gaacaccaat	tttggcantg	aggtttacct	720
gggtttaata	tatttctncc	caaaacttgg	ctcaanaanc	g		761

<210> 2955

<211> 854

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(854)

<223> n = A,T,C or G

<400> 2955

ggtgngggga	aaacnggctt	ttatacatat	aggctacttg	ttctttttgc	aggnatccca	60
tcgattnggc	ctcagagtct	ctgatcaagc	agattccacg	aatcctcggc	ccaggtttaa	120
ataaggcagg	aaagttccgt	tcctgtctca	cacacaacga	aaacatggtg	gccaaagtgg	180
atgaggtgaa	gtccacaatc	aagttccaaa	tgaagaaggt	gagtgggtct	ggcgggttgc	240
tatgggtgaa	ggtgttggca	gggtctaaat	cttatccaag	tctctaaata	tgccagtaag	300
agcaccacc	aggattgaaa	cttttgaggt	aaccctgggc	ttggccccgg	tccaagtacc	360
tgctcaccag	gccactgggg	gaggaaggac	angccnatct	gctatttggn	caccaacctg	420
acttgatcct	ctcttccctc	tcccangngt	tatgtcttgg	ntgtaactga	tggnacgcgn	480
aagatgacag	acnatnanct	tgtgtttaac	natnnanacn	tggctggtaa	cttcttgggn	540
ntcattgttt	aantanacna	nttggnnnnn	aangttccng	gnntttatnt	tattnaantn	600
aaccctnatt	gttccnatac	ccnaanngn	cnntttttat	tannnnngnn	ccnttntnnn	660
attaaaaatn	nttttttata	nnnattannn	nnnanntann	nnnnnnaata	nnnnctntng	720
naagnnatnn	tnngaacnnn	ttnnnnnnan	ttnnnnnnnn	taannnnnnn	ntaatctcnn	780
nanatttggn	nttnngtann	nncttttgt	nnnnacnttn	nngnntnnnn	annncnnng	840
tannnnnnna	tccc					854

<210> 2956

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 2956

tttnnngac	nctnttnaac	tccctgcagg	atccctcgat	tcgaattcgg	cacgagcaca	60
agaaaaatgaa	attaaaaaat	aaatcaagct	ttcatatgct	caactncatt	ggaccactgc	120
aatcctgggtg	acatattgctg	ggctgaagaa	accattggn	tatagtcctc	ctgtcactgg	180
agatatgtgt	ggtgagaaag	agaaatggcc	acnttgcaat	ancagtggga	agcaaatgca	240
gaaagcacc	agnaaagggg	aagatctagg	tgacagaggc	catctactct	tntggattca	300
tntgggttctg	gcacacagag	aatggagctt	ttgnggcaat	aatttctcta	ctgatgtgag	360
caagnatact	tctttctana	attagcaa	tattgcta	tatttgtaag	ctaaaaatnta	420
aaatnagngt	ttaatgtaaa	atttcaaa	agaaggata	atncatggnt	cctatacatc	480
ccataggtag	taatgcattg	agctaggctg	tggnactcc	ctcagtgtga	tttgtgttca	540
cataagntct	tanttgngt	tgnactgnta	ttattaaatn	tcaagtntga	cantaangcc	600

```

gmnntgggnnn nnnnnntttt atanatacag gctacttggt ctttttgcag gatcccatcg      60
attcggccaa gctcagtttt tgccttgaa tatgaagatg ctagaaagag ctctgcattt      120
aagcagagcc ttgtgcaatt cccggaccaa atgctgaaac tgcaagagtg ccctttaaaa      180
gaccttctta ggcatgtgac ttgttctcta ccagaacctt tgggcaacat gaaggaagtc      240
aaaggcattt actggcttgc tgttgctgcc tgcacagcac ctgacctca accagcgtgt      300
ttgtcctgc ttcagtcaac tttatatgct ttggtcctgt cagataatct cggctcaatg      360
agcatttttc atgctctacc tctctctggt ctacaggaga ttcagattgg ctttgggtgga      420
cagagtgttc gattcctgag ctctgcagag ggtcttctgc tcaactgtatt cagttacaac      480
aaatacctct ctcaacagct gtgtcgtgac ctctgtgtg tctgatgcc anacctgatg      540
cccgtgcct gcgctaata tcccttgctc cacaagatct ggttcacttt ctcttgattg      600
gaaaacagaa atccctgatt tantttttgc caaatgggag ttcangtgc atccaaattc      660
canactaccc ttgggtgaca tgattacttt ntcatggaa atatggaagt caatgtccct      720
tccctggcaa aagttcannt actggtntn      749

```

<210> 2953

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 2953

```

ttaatanaca gctcttggtc tttttgcagg atcccatcga ttcggagaac tagtcaataa      60
ggaacaggat caacggccac tccaccaggt ggcaaatcca catgcagaaa tctccaccaa      120
ggttccagcc tccaaagtga aagacgccgt ggaacagcaa ggggaggtga agaagaataa      180
aagagaaaga aaggaagaac ggcagaagaa aaggaaaaga gaaaagaaag aactaaagtt      240
agaaaaccac caggaaaact caaggaatca gaagcctaag aagcgcaaaa agggacagga      300
ggctgacctt gaggtctggt gggaggaagt ccctgaggcc aatggctctg cagggaagag      360
gagcaagaag aagaagcagc gcaaggacag cgccagttag gaagaggcac gcgtgggcgc      420
gntcaagagg aagcggaggc actcggagat tgaaacagat tctaagaaga aaaagatgaa      480
gttcccagga catcctgagg gcggagaacc agaagacgat gaggtctctg aaaaggtaaa      540
ttcaactgga agggaaactat taaagcaatt ctgaaacagg cccagacaa tgaaattacc      600
atcaaaaagc ttaaggaaaa aggttttttag ctcagtactt cccagtgcac cagattgagc      660
cattaccaga ttcccgaag anggaacttc ctgggtccat tnttttacca nggaaaaatt      720
cngccaagga acccttaacc nttaagttt nttaaaang cn      762

```

<210> 2954

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 2954

```

ngnnggnnnn nnnnttttna atntcanget acttgttctt tttgcaggat cccatcgatt      60
ngaattcggc acgagatcac cttggagctc cttgagttag ttctgatcaa gccattacac      120
tcttttcatg tagacctgcc tgtaagtgtg gacatgcaca ctacgtgac cttactgttc      180
aaaagctgga gaaaaagaaa cagctttcat acagtgcaaa ctgtctacgt ctatgtaaaa      240
gaatttgaga aacatggcag tagccattgc taattaatct gggatgtgt aaatagttaa      300
acttgatttt tgactctggt gtttggatct attttaagat cgatggagtt aattgcttca      360

```

<220>
 <221> misc_feature
 <222> (1) ... (749)
 <223> n = A,T,C or G

<400> 2950

ggntatgngg	ctntaaatat	acagctctcg	tngetctttt	tgcaggatcc	catcgattcg	60
aattcggcac	gaggttaaaa	gaataaaaaa	ggaataattg	aagccttcga	gacatatggg	120
atactataaa	gccaccacat	atgtgaatca	tttgggtccc	agaagacaga	gaacaaaagg	180
attggaaaac	tcattctatt	ttttgttatt	aaataataga	tgaaaacttc	ccaaatctat	240
caaattgatt	agatatccag	aaacaggagg	ctccaagatc	cgcaaacata	tacaatgcaa	300
gaaagtcttc	tccttggcac	attatagtca	aactatctaa	agtcaaagac	agaattctga	360
aaaaggcaag	agaaaagtgc	ctagtcagtt	gtaaagaaaa	ccttatcagg	ctaattagtga	420
atctctcagc	agaaacctta	caagccagga	aagaatgata	cattcaaagt	actgaatgaa	480
aaaaatgcta	tccaagggat	actatatcta	gcaaaaatat	tctttgtaac	tgaaggagaa	540
ataaagtctt	ccccagaaat	tgtttaaggg	agtcctaate	ctgggagcaa	aatgactaca	600
tttaccatca	tgaaaactta	tgaatgtgta	aaacctgcta	atnaagcaat	ccacanagga	660
ataagggaag	gtaattaaat	ggtcctgtac	nggaaaacca	caaaccacaa	attggaanna	720
nancttngga	aaaaaactcg	gccttttaaa				749

<210> 2951
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (748)
 <223> n = A,T,C or G

<400> 2951

gnnnggnnnn	nnnnnnnttn	atanatacag	gctacttggt	ctttttgtag	ggatcccatc	60
gattcgccct	gccctgggtc	tggccggcgg	aagctctgtc	caagggtccac	acacctccag	120
gtttacgcca	acatccttgt	gccctcccca	ccttctcttc	caacgcatta	ggtgcattgt	180
ttaattgaaa	tccaaccaac	aattgtgtgt	caaggctggt	ttggtgcagt	ggctgggcaa	240
attaattttg	ggccaggatg	ggggtgggtt	gcagtggagg	tagggaaaat	gtcaggagta	300
ggaagggttc	ggggttaagg	gaagggaagg	aagaccagaa	ctggccatcc	tcttttataa	360
tccattagta	gcaccatggc	tcatttgaaa	tgaaaatatt	acacttattc	cccacccaac	420
cgnagtgaac	tttctaggta	attgttttga	aaacaatttt	tgtatctgtg	aaagtctttg	480
ctttntcttt	ccaccttcta	gaaaagtctg	ctaccagttt	ccttactgaa	tacagccata	540
ctcagccctc	ctcgcatcca	gcccgtcagg	gtcanggtca	nggtcangct	tcctnaagac	600
tagcacccga	ttgtctgccc	tcttttgctg	aggatttttc	tctnaaccca	ngggacattg	660
ccttggaact	tctctacaaa	tgcccttaga	tgttagaaca	caaattgattc	tgnttggtga	720
actctggctt	tttgctattt	tncttttn				748

<210> 2952
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (749)
 <223> n = A,T,C or G

<400> 2952

gtaaacctgg ggtgctnatg agtgactacc

750

<210> 2948
 <211> 757
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 2948
 ctatagacag ctacntgctt tttgcaggat cccatcgatt cgaattcggc acgagagatt 60
 tcagtaaagc tcgttcgctt tgtttggtt totttttacc tagttgctat agtgtctaca 120
 gtctatactc aatacctata aaatgcagta agcatgtgtt acagaaagag gttctgggtg 180
 gagagaaagg tgcgtgtgag acaggagaat tgtcttaagc atataaaaca tgtatgattc 240
 cagaatttta gtatgttttg tataaaacta tttttcatta cggagactag aagtgaacag 300
 agaattacac aagtgtgact atacaaattg naaaacagat actataatat ttccttttat 360
 tttagtgtta tttagcttta ttacagattt ctatttttgt caaaacttca tggttccttt 420
 caagatcttt tttgccaaaa cattttgata ctatagcatt gncatttgaa agtaagtgtt 480
 ctanactata aaaccaatga acttctacat gagccctaca gacaggcatg tgtagaaggc 540
 aatttatcaa acctattgca ctggcatgaa aagtgtgtat aataattttg ctagccccaa 600
 agcaagctag ttttctttgc ttgcttcctt tcttttctt ttttcttgc tnttnaagnn 660
 ttgaancttt tttaaacatg gttgaggaat tctctaggnn ggattccttt tgggcgtnat 720
 ntaaaccctt tcttttttg gtttctggaa naccctgg 757

<210> 2949
 <211> 710
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 2949
 ncgctnctaa cnnntggcgc tatgcttggc gctnganccc tnngtnnngna ntcggcncga 60
 gggtnaagct tcattcantg tccattcacc cantactggt ttgattctan ggcctangaa 120
 aataggactg agcaaagccc ttgtccagat ggaacttatg tnttanangg gaaaacacac 180
 catatncagg tnnacagngt acnatcacga aangntaaat gtctatgaag aacattgtgc 240
 agacggcgat ngngntanat agggnaaggt tnnnnangac agcatagctt gatgtacnag 300
 cnagananac anatagnгаа annctntcc atactaaggg aatgggaaat aangctnnnt 360
 tttgccttgn tgaccttcaa acatgagaat tgctanagct ctgtgccaag gntnaagagt 420
 ggaanacaat ntaagcttca gctacatcac ttacggccta taggccacac tgaactgtgc 480
 nngnaaaact canntgagc cangctcncn ncttaacata tttaaagggt ctntnctgtg 540
 cgcngcaaga agacnacagg acaggtncag ctntgtnncc acnnganntt gatnttgact 600
 tcanngtac atattntggg ctnantntnn gantnaaaat gcgctatcnc ccataagtnt 660
 ggantcntga ncatantgtn gggcntctgn cacaatgngt attatntcaa 710

<210> 2950
 <211> 749
 <212> DNA
 <213> Homo sapiens

atctggcgga	caaatacccc	tacagcgata	gcatttttccg	ggcattttgtg	ggctctcaagg	420
cgccctgctt	gccctcagtg	gatgctttgt	ccagcccgcga	ggcatttttat	ccagcagaca	480
agcagaagca	gcagttttgt	cattcgagcc	ggcttccctg	ccatgggtaca	ttacgtgagc	540
aggcggtctg	ctgtgctgtg	ctctgtggag	atcacacgtg	agattcgaca	gcactcgctt	600
ctgcangctt	ctctttcctg	ggttctttta	agatgaagag	agaaccccga	anaggcgggg	660
cttgcgga	ggcnctggga	aaaagnaatg	gaatnatggn	ctttaacaat	ggtgccccgt	720
gaactggaat	ggttctgant	ggcttgccag	aactcttgag	tcact		765

<210> 2946

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 2946

ancgtgnctt	atnnacnctt	tggaagacct	ccatcgattc	gaattcggca	cgaggctatt	60
ccgaatagcc	ccaggtgata	cntttttacac	cantttttagc	aatggaagtc	agcacctctg	120
ctgggccaag	gccatgcttc	cccagcctgt	ggctgcgcc	ctgctgtctc	tcggggtctc	180
acctgggctg	gaggctcttc	tggaggccag	gacctgcctt	gtgagggtgc	ccttgtggga	240
gaggcgcttg	cccaaacctg	ctgttccccg	ggggctcctt	gggtggcccc	aggactggag	300
ctctctgccc	agagtgcgcc	tccccagagg	ttaggactcc	catgacctg	tccctgccc	360
actgtgacct	ggggtttgca	tggtttccct	ctttcctagt	tgtggtgaaa	tcataacttg	420
tgtgtttcgt	tnttcctggt	ctctgctgat	ttaccgatgt	atttaagtga	aagtaaaaaa	480
aggaaaaaaa	gaaaaangnn	naaaaanann	cnnnnnaann	nanaaaaaaa	aaaaaactcg	540
agcctntana	aactatagng	agtcgaatta	cgtaaatacca	gacatgataa	gatncattga	600
tgantttgga	caaaccncaa	ctagaatgca	nngaaaaaaa	nctttatttg	ggaaaatttg	660
ggangcctat	ggcttatttg	gaaccattta	agctgcanaa	aacaagttta	ccacaacaat	720
tggcattcat	ttnaggttca	agttcanggg	g			751

<210> 2947

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 2947

ntnctttntg	nnntnaaacn	ctttggtaag	cancateccca	tcgattcgaa	ttccggcacc	60
gaagggcctt	ccagatcggt	ctgtncacc	tacctntncc	gantttngnc	ttncagatcg	120
tgctgtccca	cctacctgna	catntgccac	agttggccct	gggccaaccc	cacgaagggc	180
ctgggcctaa	ccccttggtc	tggccactt	ncagaggagc	cctgggcccgt	gtgccagctc	240
ccagacacta	cctgggtagc	tcangggagg	aggtgggggt	ccaggagggg	gatccctctc	300
ccttggggct	gcccctgtgg	agggggatcc	cgccctaga	actatagtga	gtcgtattac	360
gtagatccag	acatgataag	atacattgat	gagtttgagc	aaaccacaac	tagaatgcac	420
tgaaaaaaat	gctttatttg	tgaaatttgt	gatgctattg	ctntatttgt	aaccattata	480
agctgcaata	aacaagttaa	caacaacaat	tgcattcatt	ttatgtttca	ngttcacggg	540
gaggtgtggg	aggtttttta	attcngggcc	gcngcgccna	tgcattgggc	ccggtaccca	600
acttttggtc	cctttagtga	nggttaattg	cncgctggcg	tantcatggn	catagctggt	660
nctgtgngaa	aanggtatnc	gntcacaatn	ncacacaaca	tacgaccggg	gagcataaat	720

ctcatccatg	gatcagggag	gcacgccagg	gagtaaccca	gttctgccc	gcaagctaca	120
ccccactaac	tctgggcect	gtctgtgcta	tttaacattt	cattnanaca	ggagctcctg	180
ggaagaagct	tggctcagta	tncttggnag	atcacccctc	aaagnctccc	tcnggtatat	240
tctaagtgan	gacggatccc	atatatacct	cacttaggct	ttactctgct	ctgcaagcac	300
aggcaagacc	agctacatct	ttgnacgcca	cccctgggtc	ttagtaggcc	aagaacctca	360
gaaactggna	nggcactaag	agctgtattt	tagaaactgt	gttgaaatta	cattttattca	420
gctttgatct	ggnggggccc	tgtacctggc	actgctacaa	gtgtttcaag	aaggtgcgaa	480
ngagatattt	ttacaggcaa	aatagantat	atttcctctn	cagnttcatt	tgactgcttg	540
tttaaaaaaa	aatatgaaag	atngtacaga	gagtncccat	atccctcat	ctagttctcc	600
tntattaaca	tctgccatta	gtgnggtgta	tttgtcacaa	ttaataaacc	catagtggtn	660
aaattattgn	tggcaaaaat	ccatacttca	ttcaaatttc	ctctggtnan	tcctaattggc	720
cttttntgct	attctangga	tcttatcc				748

<210> 2944

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 2944

gtnnnnntng	tgtaatecgt	tggetgcagg	atccctcgat	ggcgaattcg	gcacgaggtg	60
ttgctcaang	agcagaccgc	actccntaag	gtcatcattg	aatgggcatn	atangtttga	120
anactgtcca	ananantang	ngtcaataca	tcaacnnctt	tanntgcttg	atattggnat	180
tgaanaacac	angnctcngn	ctagtctgcc	tganatgatg	tttaagatac	tccggaagga	240
gacanantgt	tntgantgcg	gattaganac	cacngaagnn	acactnaagg	ancancatct	300
ccacctngna	actgnattnn	cngaccanaa	aagngaactg	gaccaaagtc	tctcaaaggt	360
gctggcagct	taanagcggtg	ttangactct	gcacgaagan	gacaggtntt	ntgagagcct	420
ggnnannaca	ctctcccaaa	ctaaactgna	nctttcaaca	nangggancc	ccannttggt	480
ggagaaatca	ggtganctgt	tggcccttcc	acaaagangc	aaattctntg	agggcnagac	540
ttnanccctt	ttgcngaacc	agtncttgac	tgactaaatg	aaagcttttt	aagccaggtg	600
gcccaccctt	aangaagcna	ctttttaatc	cancggaacc	ngcttgagan	aaaaccnttt	660
ttgacccaaa	accnggagaa	ccagctggcc	taccaaaggg	aatggggccc	ccatttgaac	720
ttgggggttnc	ccangaacaa	nccttgnccg	ggncaaagcc	cnttggttga	aaggacctca	780
acct						784

<210> 2945

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 2945

ttcaatgttn	ntnaaactct	ttggaancag	nctcccatcg	attcgaattc	ggcacgagaa	60
cagatagaga	cttggtctta	aaaaaaaaag	aaaagatttt	gaaacaaaaa	attagctggg	120
cctagtgggtg	tgtgcctgtg	ctcccagcta	cttggggaggc	tgaggtggga	ggatggcttg	180
agccctggag	gttgaggctg	cagtgaagca	tgattgtgcc	actgcgctcc	agcctgggtg	240
agagagcaag	actctgtctt	taataataat	aataataata	ataaagtggg	caggaaggga	300
cccccaggga	ggagcataaa	cctctccagt	ggctgtgatt	tgtcagtaag	gacatggggc	360

<221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 2941

tncttcaann nntggtctcg tctttcccag gatccctcga ttcgaattcg gcacgaggca	60
gaagccaatt ccttgtgaaa agctgactgc catcagtaat ctcaatagaa aagagatatg	120
ttttctggag tcataaagga attcaattcc taggggtttt gtttttgttt ttgagatgta	180
atattgctct gttgcccagg ctggagtgcg gtggtatgat ctcaccttac tgcaaccacc	240
acttccctggg ttcaagcgat tctcctgcct cagcctcccc agtagctggg attacaggca	300
ccagccacca tgcctggcta atttttttgt attttttagtg gagatgtggt ttctccatgt	360
tggccaggct ggtctcaaaa tccctgacctc aagtcactctg ctggccttga cctcaciaag	420
tgctggccca gccgagattt gtttttctaag atacttttggt tcatgaacag ttcagtttag	480
tgtcatgaac tattcacttc atatttttct tgnattaact gggttaaattt ttaaaatatac	540
ttgtagtaac tcttttaaaat gtatgtaaag taaatggctg cagaaagggt ttttagagaa	600
tccctgcttc catcagtaat acagcaatat tcccccaaa aaaaaaaatn aaaaaaaaaa	660
cttcgagccc tntanaacta tagnggagtc cgtnttacgt aaaatnccag gacntgataa	720
ggantccatt ggatganttt gggacaancc ncacttgnaa tgcantggaa a	771

<210> 2942
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 2942

ctnttaantn nctcnttngn ctaccctgttc tttttgcagg atccctcgat tcgaattcgg	60
cacgaggtac tttgagtgtt tgggggttca nnnacacat gcaattttgc ttaacaaaag	120
tattttataa tacagtttca tacagaatta ccttaaaagg gagtcttatg ttttcaacta	180
cagatagttg taagggatca tacagaagat attgatgata gttgaaatat tcttagaagg	240
ggtgtgtatg tctagctgtg tctaccatgt gtatgtattc ttgacaagca gtataaaata	300
cctgtgattt ttctttacat tagggataat gcataaggaa ttaatcttca tatatattat	360
catccctaatt gtagcagggg gaagtattta attgcccatg atatgtattt tacttatact	420
atgccagaga ggaaactata aagtaattac acatgtaatc ttgggttttt cacatatgta	480
ggtattcatt ttgagtaggt tgaagaagaa aaaaaatatt taaatgaatt gaattcctga	540
tgggatagta tcaataagta tttaaaagcc agtattctaa aaataataaa gggtaggggc	600
atttttgagt ttgggttttct tttgctattg gtaatattca aaattaaagt gttcattggt	660
acctggtggc cttaatgcat ttattgnaga cagcattgag atgatgaaca aggggttagc	720
aatagccaac tctataataa ttttgacctaa atacc	755

<210> 2943
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

<400> 2943

ttnanntnat nttgctattg cntnttgcag gatcccatcg attcgaattc ggcacgaggc	60
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<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 2939

cttattncat	nnagctcttg	ttctttttgc	aggatcccat	cgattcgaat	tcggcacgag	60
gttgtatttg	aaagcagtag	tgtggacgaa	ttgcgagaga	agcttagtga	aatcagtg	120
attccttttg	atgatattga	atttgctaag	ggtagaggaa	catttccctg	tgatatttct	180
gtccttgata	ttcatcaaga	tttagactgg	aatcctaaag	tttctaccct	gaatgtctgg	240
cctctttata	tctgtgatga	tggtgcggtc	atatttatag	ggataaaaaca	gaagaattaa	300
tggaattgac	agatgagcaa	agaaatgaac	tgatgaaaaa	agaaagcagt	cgactccaga	360
agactggaca	tcgtgtaaca	tactcacctc	gtaaagagaa	agcactaaaa	atataatctgg	420
atggagcacc	aaataaagat	ctgactcaag	actgactctg	atagtgtagc	atatttccctg	480
ggggagtttt	ggttttaatt	agatggttca	ctaccactgg	gtagtgccat	tttggccgga	540
catggttggg	gtaaccacgt	gacaccacac	tgattggact	gccctacacc	aatcagaact	600
cagtgcccaa	tgggccactg	ttttgactcg	gaatcatggt	gtgcactata	gtcaaagtga	660
ctgtaaagtg	gaaanggatg	tgccaaaaaa	ttaaaaaaa	ccnccaaaaa	agcttccaaa	720
aaaaaacctt	taaactatag	tgagtcgtn	acntagatcc	aacatgataa		770

<210> 2940

<211> 904

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(904)

<223> n = A,T,C or G

<400> 2940

ctacttggtc	tttttgcagg	atcccatcga	ttgngaattc	ggcacgagag	gtaggcacct	60
ggcatgtcag	ttgcctgaat	ttgaaagttt	tcacctgtat	gttttggncg	ataaaaaataa	120
aaatgtaatt	tatatatctg	aatcaggtct	gtatgttatg	atcaattgct	cagcaatttc	180
gggcagttgg	tttgatgggt	atgtagtaat	gtancctgag	agcagaaaata	cagagcctct	240
gggctagana	aagtataaat	ggcatcctag	gctatgtagg	gttcagctct	tcagaaggaa	300
ctttcatttt	tcattgtgac	acatcgacta	catgttgtn	aagaacatag	tttcannaat	360
tcttccngtt	agaaacatac	gtttcctcaa	aatatttcac	tttcangcat	tgggtanaaaa	420
aagtncccat	gtnattngac	tangcnnatn	tnttttaaaa	aatangccan	tttncnnaa	480
cccanngata	natancecca	cgtttnttta	actattttca	ngtcatttta	acantcnecc	540
tncattttct	nnnnnccnnn	ggnttaantt	ctcnanccta	ttttncnnn	canaaacnnt	600
nccnttctna	cctnaatcat	attttcccac	tnnncctnaa	ctannnnana	nancatntnn	660
attcnctcat	ncnannnnnn	ttggcatann	ntttanacta	taggcatnaa	ctcnttcata	720
tnnatatnnt	nctncaatnt	acatnatntt	ngnctanatn	ttcatcnntc	tattctncnn	780
nntcatnnnn	taannnnntc	ccnacnttan	nnntatcnnn	nnntanttgt	tcntatanen	840
cntntatcnn	tcnatantnn	nmatntntan	ntatcttanc	ntatccanaa	tncananaca	900
cgcc						904

<210> 2941

<211> 771

<212> DNA

<213> Homo sapiens

<220>

atnngncccc ttgntanngg gcctccctng gcnnttanag aaaaacccaa ctntnngggg
gcg

840

843

<210> 2937
<211> 766
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(766)
<223> n = A,T,C or G

<400> 2937
aggtnnntaa tnttctatac agctacttgc tntttccgen ngatcccatc gatnggaatt 60
cnnacacagag atgacctcca atgtggccag cgacgagatc gcacagcacg cgctgcagct 120
gaggcagggg gctttggaga tgagccgtaa ccgtattgcc gaaaacctgg gggatgtcca 180
nataagtgc aagatcacca tctcaanaaa cttcaangan aatgtgattc accctatcct 240
gaaagctnac ttccngangg atgagtntct gggacggatc aatgagatcg tctacttctc 300
ccccctctgc cactcggagc tcatccaagt atcnnacaag gaacttgaan tntctgggncc 360
tnanaggcnc ncnnnnggnc aatnnnnatc nctcngtgn cntnataaac actgattctc 420
ngtntgataa ntacgatana cnatatcatt ctgtnatacn caaagangtg ncaccanccc 480
tnttctcact nttgantanc tntggcngtc tnttanggtg atanagtgc ccctannaaa 540
ntcccattnn tacttgaagc atacnttttg gcnnaaaaac naggttcttg ntatcaatag 600
ctcctaanaag tcnaaatnt ncatTTTTAA cnnctgttga naaatttttt tcaagcnnnt 660
tantgannat tcctaattga aaaccttttn aaaaacnaaa cctttnaagg taaaaannat 720
tnttnnnttc ttttcaaaac nttntttnaa cccaagnann cnnct 766

<210> 2938
<211> 749
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(749)
<223> n = A,T,C or G

<400> 2938
ggngtgnntt tnagatacag ctacttggtc tttttgcagg atcccatcga ttcgaattcg 60
gcacgagcaa aggccgtcac accaagggtcag ggccaggagc ctaggctaaa ggaaacttca 120
ccaccgggga catcagctgc tgtggccaga gaagagaaca tgaaagccca catcccgctgc 180
ctgcagccac ccactttgct gtcacttccc agctgaagtgc aggaggggact gttcagaaac 240
atcgaactga gcaaggcttc tgtctacctc atggaaaacc tgatctggaa atgacacttg 300
gaataaaaata agattactct tccattaaaa ggaaatccac ccaaaagaga gaaatagtgg 360
tatattttcag ttttacataa taatttctag agataagata acccattgca ttagttgatt 420
cagttaccaaa ttagtctaag tgtgaggag aacatgggccc ttgacttttt ttctttcaga 480
aaatcaagtt tgccatattg aaaaatgctg tcagctctgc caccggttct gtcattaatc 540
atgggaaaga gctgatcang ttttgattgt ttcttcagan gcacttttgc catgtaatgc 600
atatatttca attaaaatat gcaggagaat gcaaagntaa taattnaggg aaaatnatna 660
agtgttgcca ttggctatta attactaaaa aaaaanaaaa aaaaactcga gcctntaaaa 720
ctatagtgcg tcgtattacg taanatccc 749

<210> 2939
<211> 770
<212> DNA

tencaccatt	gcactccagc	ctgngccnncn	agancgaanc	tctgtcttat	acatgcaaaa	480
annaggaggt	tggattactt	gaggtcatgg	atnnanacat	ntctgaccan	catngtgaaa	540
cncatcnct	ncctaaaaatn	ttaaattagc	cnttcatggt	gacctcacgc	ntgnantccc	600
atcttctggg	gaggtgang	caggagaatt	tctagacctg	ggangnngag	ttcagcngca	660
nnacggccct	ggatccacct	gggcacaaaa	cgaactntnc	tcaaaaagaa	attnaccctt	720
aaacttn						727

<210> 2935

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 2935

ngnnggangc	tnctttcagc	tcttgttctt	tntgcaggat	cccatcgatt	cgtctgggac	60
caataatggt	ttaaaaatat	attcatttga	gattcagaaa	acttgcacat	catttgctac	120
tcctatcatc	ttaacagtga	agaaaactga	ggcctagaga	cattaagggg	gttgcaggtc	180
cagagacatg	tctcaagaaa	gcattgctgt	taaaatgtgc	agttcgtggg	ttttcagtcc	240
atctcttaag	aaaccaagtc	aatcttcccc	tcaggaaaaa	gaaaagaagt	agcaataagc	300
aatttggtta	tatcactact	tcttatcaag	gtaaaaaatg	cctcataatc	aggcataccc	360
atgggccttg	tttcacaaag	gcactaagat	gaggcaatgt	aggtcccaaa	aaacaaaaag	420
acagtttttt	ggagttgctg	aggttgacaa	ccctagtttt	atactttggt	aataccagtg	480
accttggaat	tacaagcttg	gggttaagaa	ctcaagggtt	cattaagact	ccctggaaca	540
ttctggaaaa	ccagcttttag	agtcttcatt	gaactcaaat	ctcagcacca	cagttaaatg	600
agtgagtcaa	aaagaacata	agtttaaaga	aatttaacca	nggaaccaga	tgtttctctt	660
cacaccacac	tgntttaaca	tccagtattc	gtngaccttt	ttctttcccc	caccatcctn	720
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<210> 2936

<211> 843

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(843)

<223> n = A,T,C or G

<400> 2936

tgnnnnaatc	nctaatgcna	ggctacttgt	tctttntgca	ggatcccatc	gattgggaat	60
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tggttggtct	tttgagagag	gaaatggggg	tgaaatatatt	ttttattggt	gaatcatttt	180
gtgaatgtcc	ccctcaaaaa	aagctaattg	aatattttggc	ataaagggca	tttgggtggt	240
ttatttttgt	ttgaggggga	ttgtcagaaa	atcccttttc	tctcttacgt	ctaactgact	300
aggggaacaat	tggtgatatg	catagcattg	gaatacttgt	cattatatac	tcttacaat	360
aacacatgaa	gcaagaatga	ccaatattct	gataattggc	actggatcac	aaaatgtgat	420
aaaactttta	atgtataaaa	ctttatcaaa	taaantttat	tttccccctt	aaaatgtatt	480
nccttagagg	cattactttt	ttaaaantat	tggtcaattc	ctgacatacg	atgtgaaggt	540
tnacaagttg	gattttccnag	tattccaana	tnaanttcct	tgatttttca	attaaggcaa	600
aaacgtcaaa	atcccaaaaan	ngntnnccna	taaacaaaaa	nttgcnnntn	tttaaaaaang	660
gnttangoct	tttaaatann	gaatcantta	attcntntat	nnngcntngn	nnttgnaaaa	720
attanccctt	ntnnntannn	tnccctttnt	nttaaatttt	nngggtnngn	ctggaaaaan	780

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catgttttgt ctcttaagaa cagttgcaaa ctattgaagg ttttaaagct gtgtgttggg 360
ccgggtgtgg tggcttgtgc ctgtaatccc agcactttgg gaggccgagg cgggtggatc 420
acgangtcag gagtttgaga ccagcctggc caatatgggt aaatnccgtc tctattaaaa 480
aattaaaaag tagcccaggc cgttgtggca tgccccctgt aagtcttcaa ctatttttga 540
aaangcttga ggcnaagaa aaattcgctt tggaaccccc ggggaaagtg gaaaggggtg 600
ccaantggaa gcccnnaaaa atcggngncc acnttgcaat ttcccaaacc cttggggccg 660
aaccnnaanc cnaggaaact ttnggtnttt aaccaaaaaa nnaaaaaaaa aaaggccctt 720
tttttngaaa acttttttan tnggaaggtt cnntanttta nccgttagna ttnccccgga 780
ccattggatt tanggnattc ccantttgga ttgaaaattt ttngggaacc caaaancccc 840
cccaaact 849

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<210> 2933
<211> 855
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (855)
<223> n = A,T,C or G

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<400> 2933
ngngtgance nnntttttat ncanacaggc tacttgttct ttttgcagga tcccatcgat 60
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tttttgagac agagtctcac tctgtcacc aggtctggagt gcagtggccg gatctcggt 180
cactacaagc tctgcctcct ggggttcacgc cattctcctg cctcaacctc ccgagtagct 240
gggactacag gcgcctgcc caagtgtccg ctaatttttt gtatttttag tagagacagg 300
gtttcaccat attagccagg atggtctcga tctcctgacc ttgttatctg ccgcctcga 360
cctcccaaag tgctgggatt acaggcgtga gtcaccatgc ccagcctcaa gtaggttttt 420
aatgaatttc ttatactttt aaaatacaac attatggcan taaaagacta ttccactnct 480
tttctaactc ggagattgna ttgatttttc tagtggtaat tttctggctc atacctncag 540
taccaatggg tgaaataggt ggggtttaaag taggaaaatt cttcgtncng gttttccaaa 600
actttgcagg aatnaaaggc cccctangt ccatttttnc cccatttaaa ggcnnanttt 660
aagccttttt nngggnggtn ggnaagtttt tttccaatc ttggggcntt caacttggn 720
aanncccttn aaacccttct tttaaaagcc ttcnaaagtg ggaatccctt ncccaancct 780
tttaaactgg gccctggaaa atnaantttt gggggaacaa attaagggcc attggccacc 840
caaaccatg gcccc 855

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<210> 2934
<211> 727
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1) ... (727)
<223> n = A,T,C or G

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<400> 2934
nagttangnn gntttntann tctggttctt tntgcangat ccctcgattc gaattcgga 60
cgagancgat taacactnct aaagngtcaa gngctngggt ntttnggctt agntgtgctg 120
ccntcgngga annctntnt ggggnaatgg tgtnatacac ctcnattana aatnagcaca 180
tgatggntgg ncaccgtggc tcacgcctgt aatcccngca ctttgggang ctnaggngnn 240
nggatcacct gangtcnga ntttganacc agcctgncca acatgnngan acctcatecc 300
ttctnnanat atanagaant agctngncat ggtggcgcac gcctgncntt nnagctactn 360
aagacgctgn ngcaggagaa nctnttgaac ccagtaggtg aaggttgcan tgagctnnca 420

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<400> 2930

gagngnnntn	ntttcnaatn	acagctactt	gttctttttg	caggatccca	togattcggt	60
atagctgtgt	cggtctagca	ttttctttga	agcatatgga	acatgtttctg	ctactcgaga	120
taatgaacat	ttccttctgc	ctcaagggtac	aatcagttta	tgatcctggg	agagcaagaa	180
gcaaggagcc	agcaagtctg	gacacattcc	anaggccacg	aggggtttta	tgtcctgagt	240
cctggattcc	atccaagcca	tgaggggttt	tatgccctag	gcttaggttg	tagtgccgcy	300
gggcagcctt	ccacccttaa	gcacagaacc	tggtgttcca	taggccacaa	gaagttttaa	360
actctggacc	caggacatgt	tccaaggctc	ttttcatatt	atgtcagact	agcaagtctt	420
gcctcagctt	tnctcccaac	aattggactg	atgggttgct	ccactgggca	caagcatcat	480
gggtttctta	aacaaggccc	tgaacaagca	ccaaatatgt	tcctgtcacc	acactncact	540
agcccttcaa	ctataaacat	gcataggagt	cacctggggg	ccttgctaaa	taaaatgcaa	600
cttctgattc	aataagtctt	aaacaggacc	agaagattct	gcgtctcttg	gtgagttccc	660
nagtgangca	gacaatgccc	agttcacaaa	ctcacatttt	gagatacagn	acctgggcca	720
tttnggttcc	caatgtgctt	gataaccctg	g			751

<210> 2931

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (755)

<223> n = A,T,C or G

<400> 2931

agntgattcc	nantgaaagc	ccttgtcttt	ntgcaggatc	ccatcgattc	gaattcggca	60
cgagatggaa	tgtgcgttcc	acccctgtt	cagtctcacc	agtggggcct	gccggctgga	120
ttaccgcaga	cccgagaaca	ggagcttcta	cctggccctc	tacaagcaga	tgagcttcct	180
ggagaagcga	ggctgcccgc	gcacggcgct	ggagtactgc	aagctcatcc	tgagtctcga	240
gccggatgag	gacccctct	gcatgctgct	gctcatcgac	cacctggcct	tgcggggccc	300
gaactacgag	tacctgatcc	gcctcttcca	ggagtgggag	gctcatcgga	acctgtccca	360
gctcccta	tttgccttct	ctgttccact	ggcgtatttc	ctgctgagcc	agcagacaga	420
cctccctgag	tgtgagcaga	gctctgccag	gcagaaggcc	tctctcctga	tacagcaggc	480
gctcaccatg	ttccctggag	tcctcctgcc	cctgctcgag	tcttgagtg	tgcggcccga	540
cgccagcggt	tcagtcacc	gcttcttttg	acccaatgct	gaaataagcc	agcccccctgc	600
cctgagccag	ctggtgaacc	tgtaccttgg	gangtcacac	tttctctggn	aagaaccgcn	660
caccatgaac	tggtctggag	agaacgtnc	cganggtctg	caagcantgg	gatcccggga	720
cccagccgtg	ggaacctgtg	aagaaccggc	ggaag			755

<210> 2932

<211> 849

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (849)

<223> n = A,T,C or G

<400> 2932

ananatcagc	tcttgttctt	tttgcaggat	cccatcgatt	cgaattcggc	acgagatgac	60
tgagtgtata	ccctagttaa	aatgatcagg	ggagacttaa	ctgaaagggg	taattgagct	120
agatttgaag	gatgaggagt	agcagactag	tcaaagaaag	ggagagaaga	acatacctaa	180
acatctgac	accagtgact	gagaaagtta	tcaggatcaa	gtggaaagag	aaaggactag	240
cagagttaca	ggttagagaa	acaggtaaag	gctactatgg	acggcataat	agttgcatcc	300

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(712)

<223> n = A,T,C or G

<400> 2928

gnnggnnnnnn	nntttttana	tcagctcttg	ttctttttgc	aggatccctc	gattcgaatt	60
cggcacgaga	ttgaactctg	aacttttgaa	acctgaatcc	ttcaggaaag	agtttggtga	120
gcaggaagta	gacctagtta	attgtaggac	caatgaaatc	atcacaggag	ccacagtagg	180
agacttctgg	gatggatttg	aagatgttcc	aaatcgtttg	aaaaatgaaa	aagaaccaat	240
ggtgttgaaa	cttaaggact	ggccaccagg	agaagatttt	agagatatga	tgccttccag	300
gtttgatgat	ctgatggcca	acattccact	gcccaggtac	acaaggcgag	atggcaaact	360
gaatttggcc	tctaggctgc	caaactactt	tgttcggcca	gatctggggc	ccaagatgta	420
taatgcttat	ggattaatca	ctcctgaaga	tcggaaatat	ggaacaacaa	atcttcactt	480
agatgtatct	gatgcantca	atgtcatggt	ctatgtggga	attnccaaag	gacantgtga	540
gcaagaagaa	gaaagtcctt	aagaccattc	aagatggaga	ttctgacgaa	ctcacataaa	600
gcgattattg	aaggaaagag	aaccnagcc	tgggcacata	tttctgcaag	gcacgagaaa	660
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<210> 2929

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 2929

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actgattgat	tgtccagagt	ttgtaccagg	ccaagccttt	tgctcacata	cagagtctgc	180
cccaaattct	ccaagaattg	gaagcccatt	gagcccaaag	aaaaacagtg	aaacaagtat	240
tcttcaagca	atgtctagag	gtttgtctac	cagtttgctc	gacttggact	cagaaccttg	300
gatagaagtt	aaaaaaagac	atcagccagc	cccagtgaat	ttgagggaat	cagtgtctgt	360
ccctgaaggg	tcattaaatc	agctatgttc	ttcagaagaa	ccagaacaag	aagaacttga	420
ttttttgttt	gatgaagaga	ttgaacaaat	aggacgaaaa	aacacattta	ctgattggtc	480
tgataatgat	tcagattatg	aaattgatga	ccaagactta	aacaagattt	tgattgtaac	540
tcagacacca	ccttatgtga	aaaaacatcg	tggaggagat	cgaacaggca	cccacatgtc	600
tcgggcaaaa	atcacatctt	gaacttgcta	aagttatcaa	tgatggctta	tattattatg	660
aacaggatct	atgggtngga	agaagattga	aaccaaacc	acnngccnta	aaaggggcaa	720
ttnccttgnga	aacgcctttt	ctcgntatga	aa			752

<210> 2930

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

ggactgncat ttagtggacc ccgaatcc

748

<210> 2926
 <211> 815
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(815)
 <223> n = A,T,C or G

<400> 2926
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 aggcgttctt ctctgggtgc tttattctct tctttttctt tatttcgccc ccacccccat 180
 cccctgcctt tntttttttt ttttgtatag aaacagatcc atttcttggg aatcaaagca 240
 catttgtttg gtcttcctcc aaccctttgc atttgatttc taaacattcc ttcatatgcc 300
 tttaaatgaaa gccagcantt atcccatggg ccttacttga atttatctga ggcagctaca 360
 gattgccttg caagatgagt ttttggagat aaatgaaata actggacaca cactcacaca 420
 agtaacacca cagcagacct cggagtactg ctaagtgtac ctgtgtcaaa tccgcacang 480
 actcaatata gcaattnatt cttgatgtat gcaatngccc attggaaatt atttttaaca 540
 gagcnccact taattaattt ggaataggat tatataatat tagaatcttt ggggtatggg 600
 ncttttaacc cttcttncca tgggggaaac ttnttttccc ttncctgaa tgggtngaaa 660
 ttgggaccat ttttaaaaag cctttggtcc cggtgnaacc ttttggcatt acccatttna 720
 aaccgnangc cnccaggntt tanagaaacc ntgaaatttg aagaaaaaaa gggccccaat 780
 nggnenttga aattttttta cccnatgggt ggccc 815

<210> 2927
 <211> 756
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(756)
 <223> n = A,T,C or G

<400> 2927
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 attcgaattc ggcacgagcc aggcctgaag ttatctctaa tttagagggt agggacagtg 120
 acacaggaaa gaggctctgt gctttatata tggagatgtg ggatcataaa aacgtctttt 180
 taatctgatg atcattaaaa caccgggtga tgtggcacag ctgctaatacg gaatacattt 240
 ccatttctgc ggggattgag catgtcttcg gaaccctctg caatagcttt agaaacaaac 300
 gttcctttta tcaggtgaga aaactaccct atggcatgcc tccggatatg tagttcttcc 360
 tangctacaa aatatcagag gtttaacttca ggcaaaatga tnaaactagc agtagtattt 420
 cctattacta tctgcagntt gcttcaaaat ttcaaaaagg tttcngaaaa atcactaaat 480
 acgaagggca cacttcattc atttattcca aggaatctat ttggtgccag acattgcatg 540
 gaattgtatg gattttttaa atgaaatggg ggctctctct taagcagacc atggcaagga 600
 aacttgaaaa ctccgacgca tccangggac gaagactnac atttacatng agatactact 660
 cgggattcac aanacacgac gtntccatga cgctcggtea acacttgcatt ttttacctca 720
 tgggattcng gtcctctttt atttaaaagg cngnggc 756

<210> 2928
 <211> 712
 <212> DNA

agtccagatc	cccggtgatg	actttgtctc	ccattcccag	gaggtacgag	acctgttcca	360
gatgaagctt	tttgtggata	cagatgcgga	caccgggctc	tcacgcagag	tattaaggga	420
catcagcgag	agaggcaggg	atcttgagca	gattttatct	cagtacatta	cgttcgtaa	480
gcctgccttt	gaggaattct	gcttgccaac	aaagaagtat	gctgatgtga	tcacccctag	540
aggtgcagat	aatctgggtg	ccatcaacct	catcgtgcag	cacatccagg	acatcctgaa	600
tggagggccc	ttcaaacggc	agaccaatgg	ctgtctcaac	ggctacaccc	cttcacgcaa	660
gangcangca	tcggagtnca	gcagcaggcc	gcattgaccc	gtcttcatcg	gaccc	715

<210> 2924

<211> 724

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(724)

<223> n = A,T,C or G

<400> 2924

gggnctttan	atctataggn	tacaggctac	ttgttctttt	tgcaggatcc	catccgatgc	60
gcaagtaaga	aaacatggcg	gctatccttc	tctcacatcg	aaaaggaaat	tttgaacaat	120
catggaaaat	ctngnccgtg	ctngaaaaac	anagaagaga	aatgttgag	gaaagattgt	180
ttaanactaa	tgaaatacct	tttagaacag	ctganagaaa	ggtttaacng	acaaaaanac	240
tctggataaa	tnntcttctt	atcatgtgaa	aactgccttc	tttnacntat	gtneccagna	300
ccctcaanac	agtcagtgng	accanacnga	nctggncctn	tgctttgana	actggatgac	360
attcttgntn	nattgcctna	ggtcagatnn	acttgagaat	tagttcatcc	nnncttcaat	420
ctatcctctt	gcagaattnt	ttgacatnta	cntcagcaat	ntttgctnta	ncanagnccn	480
atgtaggata	tctatgacct	nncanngttt	gatgantncn	tgcnncctgna	tnnnnccgaga	540
gatntcctaa	cnatnncann	nnntaanttc	tggtantgct	caacagattg	gaaaaagggg	600
ccaganctgt	gnctnaangg	ttaaaancnc	aggannagta	ttttncgtaa	acatgnaaan	660
gnttangact	gttcatnnnt	tgntcctccg	aaantgggca	cccnttntta	tnnatccenc	720
tgcg						724

<210> 2925

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 2925

ggtttanttt	aaatccntnc	ncagctactt	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	gcggacccat	cggagcgtaa	cctggatctc	cgcaggcctg	gcggaggccg	120
gccacctgga	ggggcattgc	ttggttcgcg	tggtancaga	ggagcttgag	aatgttcgca	180
tcttaccaca	tacagttctt	tacatggctg	attcagaaac	tttcattagt	ctggaagagt	240
gtcgtggcca	taagagagca	aggaaaaagaa	ctagtatgga	aacagcactt	gcccttgaga	300
agctattccc	caaacaatgc	caagtccttg	ggattgtgac	cccaggaatt	gtagtgactc	360
caatgggata	angtagcaat	cgacctcagg	aaatagaaat	tgagagaatct	ggttttgctt	420
tattattccc	ttcaaattga	aggaataaaa	atncaaccct	ttcattttat	taaggatcca	480
aagaatttaa	cattagaaag	acatnaactt	actgaagtag	gtcttttaga	taccctgaac	540
ttcgtgtggt	cttgnctttg	gttataattg	ctgtaagggtg	ggagccagta	attatctgca	600
gcaagtagtc	acncttttca	gtgatatgaa	tatcatcttt	ggcttggang	ccantngaca	660
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<223> n = A,T,C or G

<400> 2921

gttactcctc	tnanatcagc	tacttganga	tcctctgatt	ngaattcngc	acgaggcgat	60
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atgaaggcac	aaggagaaaa	ttacttgaag	cttggagatc	ttctctggca	agcaatttac	180
aaattctggt	gttcttngat	ctggctcccn	gcccagacaa	ccanggagtt	nttnatgttc	240
tatcctcatg	tgannnact	atacgcaata	attngncntn	ngccatanag	gagggatccg	300
atanntgaca	tngctntccn	ncanataata	tncncntgna	atgnnnctna	taatgcatnn	360
nntnnattcc	tntctaggnt	acncnnantt	atatntnntn	ggnaactcat	ttaacancaa	420
nttcacngca	ttcccntggg	gttacatata	cncntaagac	tatgctgana	ctgtgcacca	480
tgntcacatn	ngggaattgg	atgggggtgct	tnacggactn	ccttgnatgc	aagnacttac	540
cagacgtttc	canccaanct	gacattgntg	naatgcatta	cncacntggg	gntncaantt	600
tactacacct	cganaggacc	gttcacnggn	atttaacctn	tcaaanatng	ttcnnanggt	660
tacaaggtcc	ccaattgttn	ganccttggg	gctttgncaa	cn		702

<210> 2922

<211> 708

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(708)

<223> n = A,T,C or G

<400> 2922

anacctttta	nnctngttct	ttttgcagga	tcccatcgat	tcgaattcgg	cacgaggtat	60
actttgacac	tgagaacaaa	gagacagtta	tatctggaat	gggagaatta	cacctggaaa	120
tctatgctca	gaggctggaa	agagagtatg	gctgtccttg	tatcacagga	aagccaaaag	180
ttgcctttcg	agagaccatt	actgccccctg	tcccgtttga	ctttacacat	aaaaaacaat	240
caggtgggtgc	aggccagtat	ggaaaagtaa	taggtgtcct	ggagcctctg	gaccagagg	300
actacactaa	attggaattt	tcagatgaaa	cattcggatc	aaatattcca	aagcagtttg	360
tgctgtctgt	agaaaagggg	tttttagatg	cctgcgagaa	gggccctctt	tctggtcaca	420
agctctctgg	gtctcggttt	gtcctgcaag	atggagcaca	ccacatggtt	gattctaattg	480
aaatctcttt	catccgagca	ggagaagggtg	ctcttaaaca	agccttggca	aatgcaacat	540
tatgtattct	tgaacctatt	atggctgtgg	aagttgtagc	tccaaatgaa	tttcagggac	600
aagtaattgc	aggaattaac	cgacgccatg	gggtaatcac	tgggcaagat	ggagttgagg	660
actatttttac	actgtatgca	gatgtccctc	taaatgatat	gttgggnt		708

<210> 2923

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 2923

gnnnnnttct	aatgcnnngc	tntntngcag	gatcccatcg	attcgctccc	attccccggaa	60
ggaggagaca	gttactgtct	atccccgaga	cgtggtgctc	tttgaaggga	tcctggggca	120
gaatgaggtg	gactatcgcc	agaagcaggt	ggtcatcctg	agccaggata	gcttctaccg	180
tgctcttacc	tcggagcaga	aggccaaagc	cctgaagggc	cagttcaact	ttgaccaccc	240
ggatgccttt	gacaatgaac	tcattctcaa	aacactcaaa	gaaatcactg	aagggaaaac	300

<210> 2919
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 2919

cttnnaatnn	cagctntggc	tacttggtct	ttntgcagga	tcccatcgat	tcggtcagat	60
ggtagaaaat	gaaatannta	aatagatacc	atntgagttc	tgggagccag	gtgaagaagt	120
gtttgtttgt	ttttgagacg	gagtcctact	ctgttaccca	ggttgaggag	cagtggcctg	180
atcttggcgc	actgcaacct	ccgccttctg	ggctcaagtg	attctcctgc	tccagcctcc	240
tgagtagctg	gggctacaga	cgtgtaccac	cacacctggc	tactttttgt	attttttagca	300
gagaggggat	ttcgccatgt	tggtcaggct	ggttttgaac	tcctgacctc	aggtgatctg	360
cccaccttgg	cctctcaaag	tgctgggatt	acaagcgtga	gccactgtgc	ccggccanaa	420
ggagtgtttt	gagaatggct	aanagaagat	aggttgaata	gctatgccta	catgtcacta	480
attaacatct	cagagatctc	tgctacaggt	tgncgacctc	atntagtcta	atatttttcc	540
aatggcatga	gtataggaag	ataaacgggg	aatgttttga	agtaataaaa	aaattccatc	600
cataaagaag	aacaacatgt	attaagcttt	gtgcacccaa	caacacaaca	ggaagacaca	660
taaggcagaa	cctttttanaa	aaaaaannng	gnnnnccaaa	nagcaggtnt		710

<210> 2920
 <211> 713
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(713)
 <223> n = A,T,C or G

<400> 2920

gttnntngat	cagctcttgt	tcttttttga	ggatcccatc	gattngaatt	cggcacgagg	60
taccacatct	agatacgagg	tcagagttca	gatgcctaaa	tattgtagct	tgtgtttngt	120
ccactgttgg	gggaagagtg	aagagatttg	acataccata	atgttgatta	gcttgtgatg	180
gtttggcggc	agcttagggc	agagcataaa	gtaaaaagga	aaagtgttca	cagacaatga	240
aaactgggac	caagtgggtga	atactcaagg	cacacagacc	angcaaggat	cccagtggcc	300
gtggatgagt	ctcaggctgg	ctctgggcca	ntggaacaca	cctcagtgtg	ggtgaaggcc	360
tagccagggt	agcanagggc	agggctacag	aacagcagcc	cangtggctg	tggccgacct	420
gacattctcc	tgtgaaaatc	angtgcccaa	ccagcactaa	cctagataga	tggcancatt	480
ttntttcttt	aangacagga	tcttgctatg	ttgctcaggc	tgactttgaa	ctcctgncct	540
taaaggatcc	tcctctttca	gcttnccaaa	ncactggggg	tacagatgtg	agcccttcaa	600
cgtnagtgcc	atngggctan	aancctaacc	ccncattgct	tgntgatcgt	nacgctcgna	660
atcnntttna	taaacggntn	tncaancctt	gagcttttcc	gggttaagna	ann	713

<210> 2921
 <211> 702
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(702)

ttaaagaaac	tacaagtgat	gatgtaagtg	ctgctaacac	taacaacctg	aagaagagca	360
cgagagtcac	taaaaacaaa	ttgaggaaca	cacagttagc	aactgaaaat	cctaattggtg	420
atgctagtgt	agaggaagac	anacaaggaa	agccaaataa	aaaggtgata	aagacggngc	480
cccagttgac	tacacaagac	ctgaaaccgg	aaactcctga	gaataagggt	gattctcaca	540
ccagaaaaa	catncaaagc	ccagccaggc	gttgatcatc	anaaaagtga	gaaggcaant	600
ganggaagag	angagactgt	tttanaagaa	gattgaanaa	ttgntgcagc	cttttcantg	660
ncatgtnact	ngaagnaatg	ggcaaaggag	atttanaggg	gaattnnnaa	anancnc	717

<210> 2917

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 2917

attttatgct	tgctctgttc	ttntgacagg	atccctcgat	tcggctgggc	tagcagaaaa	60
acctcaggca	tctgtgagga	catgagttta	cacacgctga	gactcacaga	tncaaaaatg	120
caacccaatt	ccaccctga	attgagggga	gtgcatagaa	gtgaatgtcc	cgtctttctg	180
aggctctgtg	attttgtaat	tagtaaacga	agggtgcatt	tctgattttt	ttttcttggtg	240
tgctagaatt	cattgctagt	aaaactcaag	ataatagcga	tgagtaggag	gtatcaaaga	300
tgaactgtag	agggacagtt	taagttactt	aagaatcgtc	agcaagatga	aatctacttt	360
tagcagaaat	tgggtttttt	tgtgtttttt	tgttttggtt	tattttctaa	aagtaaagtc	420
tgcaccttgt	tcagcctgtt	agtggagggtc	tgagcaagta	aaagatgggt	tggtattataa	480
acttacaac	acaggatgtt	ctgtttctca	aacgggagaa	attaagaaga	gatgcttgta	540
ttcaggagac	ggcatagcta	ctcaaaatcc	ttgatattct	gctatgggta	gtcttggtcca	600
actgtgctat	gtgacctact	atggctttat	gangtaaaat	tagtatatgt	gtcactattt	660
gaaaatttac	atatagttat	acataatgna	tttaagngnc	nanngnacng	aancctnggn	720
gnnaanattn	gnncctnnn					740

<210> 2918

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 2918

cttnnaatnn	cagctntggc	tacttggtct	ttntgcagga	tcccatcgat	tcggctcagat	60
ggtagaaaa	gaaatantta	aatagatacc	atntgagttc	tgaggagccag	gtgaagaagt	120
gtttgtttgt	ttttgagacg	gagtcctact	ctgttaccca	ggttgagagt	cagtggcctg	180
atcttggcgc	actgcaacct	ccgccttctg	ggctcaagtg	attctcctgc	tccagcctcc	240
tgagttagctg	gggctacaga	cgtgtaccac	cacacctggc	tactttttgt	atttttagca	300
gagaggggat	ttcgccatgt	tggtcagggt	ggttttgaac	tcctgacctc	aggatgatctg	360
cccaccttgg	cctctcaaag	tgctgggatt	acaagcgtga	gccactgtgc	ccggccanaa	420
ggagtgtttt	gagaatggct	aanagaagat	aggttgaata	gctatgccta	catgtcacta	480
attaacatct	cagagatctc	tgctacaggt	tgncgacctc	athtagtcta	atatttttcc	540
aatggcatga	gtataggaag	ataaacgggg	aatgttttga	agtaataaaa	aaattccatc	600
cataaagaag	aacaacatgt	attaagcttt	gtgcaccaa	caacacaaca	ggaagacaca	660
taaggcagaa	ccttttanaa	aaaaaannng	gnnnnccaaa	nagcaggtn		710

<223> n = A,T,C or G

<400> 2914

gttnnnnnntt	cnatatngac	aggctacttg	ttcttttttg	aggatcccat	cgattcgaat	60
tcggcacgag	aatatatcac	atcatgtaat	aagcctctca	gagatgtagc	attgagcaga	120
ttaaggcctc	atztatagaa	gaattccacc	ctggccatgt	gggcctgaaa	ctctggaggg	180
ctttaacaat	gtcttgaggt	cattgtcatt	taaagagatg	actcantggt	tttatttagt	240
agaaataaat	actaaataaa	taatctccac	agattatcca	gaggggtaag	ttgaaggatg	300
ttgacagata	actcagtaaa	ttgcgtctca	aatattaata	agtttattct	atgccagcac	360
caaaaatatt	tcagagatgc	ttttaggctt	ctctcaagta	tgtcgggaac	agaaaaggat	420
tatagaaata	tttatagtag	gcataaactt	gcacaaaagc	tcaaagtacc	ttaagcaagc	480
ttgttgcaat	tattcttttg	gagaactgga	ttaagtaatt	atctcttggt	gcctctgact	540
atttaacctc	ctactaaact	gcccattgnt	taaatgtctc	ttatttagct	ctgnttttat	600
cactccttaa	atttaatat	ctcaaggcca	aaattatagc	antgatgggc	angacatctt	660
tgaagacaat	tanattctga	gaggataatt	tatatgtana	attaggaata	ttcn	714

<210> 2915

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (710)

<223> n = A,T,C or G

<400> 2915

tgtntatagc	ggctctcttc	tttttgccag	atccctcgat	tcgaattcgg	cacgagctct	60
caaataaaaa	tgggagataa	gaantatatc	tgtgcaatat	taaattgaaa	aanggnaccc	120
ataaaaagt	tcaaaggcaa	ataatttgct	ctagatcaca	aaactagtta	gcacaaggct	180
aggattataa	ccaggggtcta	ggaaaaaatc	ctgaagggtga	tttaactgag	tgtagggccc	240
tgtcaagcca	cctgctaagg	ctcatggtct	ttcagactag	cttcaacatt	ccaaatcagg	300
caatagctac	aacggaaaga	taattggacg	gggaatcctg	agatcagagt	cctagtgttg	360
ctttgtctct	tgtagcagga	ttttttaaat	caggggcagc	tctcttntcc	catcccagcc	420
atgaatcttt	caaccttagt	ggtcaccaac	ttgactccat	tccttatatc	aagccttgct	480
ctgtcaattc	tcccttaaat	gttaagttgc	atccatttct	aaatatatcc	atggccatca	540
ccctagttaa	aagactatta	cctnacaccc	cgcnccttga	tcttcccccn	nctttttaagt	600
gactcaattc	cttatatnac	tgcncnaaga	ttaacancn	tgtccatctt	tcattttctct	660
gctgaaagat	ntcanggggt	cccctganc	caaatanng	ttcgatccct		710

<210> 2916

<211> 717

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (717)

<223> n = A,T,C or G

<400> 2916

gnggcnttnt	gtanangnta	cagctacttg	ttcttttttg	aggatccctc	gattngcagt	60
cctctgcata	aagctgagag	atgcctacag	ctgagagtga	agcaaaagta	aaaaccaaag	120
ttcgtctgga	agaattgctt	aagacccaca	gtgatcta	gcgtgaaaag	aaaaaactga	180
agaaaaaact	tgtaggtct	gaagaaaaca	tctcacctga	cactattaga	agcaatcttc	240
actatatgaa	agaaactaca	agtgatgatc	ccgacactat	tagaagcaat	cttccccata	300

<210> 2912
 <211> 715
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(715)
 <223> n = A,T,C or G

<400> 2912

gnnnntnnntt	ttnnatnnac	aggctacttg	ttcttttttg	aggatcccat	cgattcgaat	60
tcggcacgag	gtcagaatgg	ggaaagtggc	aggatgcagg	caaacatggt	cttaatttag	120
agacagatga	aggctcagga	ctttcctagg	cagataaaaag	aagaaagaag	ctgctttttg	180
aaaagaggga	tcaagattag	gacaaaaaag	gagattcagc	catcagcaga	acccaaatga	240
gagcctacaa	agagacactg	tctactcaga	gtacatcttc	agacatccag	ggtcccaagc	300
tactgtgttt	actgttagcc	cttagccatt	gttaagtctt	actgctttat	aactcttctt	360
taagaatata	ttaatagtaa	aattacttac	tcctatatat	acaacgaatc	cttaattatc	420
aaaaacattt	atagtcacat	cctcatgatt	cagtttgccc	ttctctagtc	caaatgaatt	480
gaagtaggaa	ttcataggac	cgttcctagt	gaagaaagat	tttagtgcta	tttaaagaaa	540
gtaaaaagta	tattctcctc	tgatagaaat	tttcattctg	ataatatttt	atttgnatct	600
ttttttaatg	tcatggcaag	aaatgcaagt	tgatgggcaa	gggacaatgg	ctnacacctg	660
taatcccaca	ctttggggang	ccnanatggg	ctgatcacct	gaggcaggag	ttccn	715

<210> 2913
 <211> 705
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(705)
 <223> n = A,T,C or G

<400> 2913

gttnnnnnnt	tnnnntana	caggctactt	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	gggcatctgg	actaatagt	aaagagtgga	atagtgtgaa	actgcatgct	120
acagttatga	atacactatt	caggaaagac	cccaatgttg	tttgagaact	tctactttgg	180
ctccctaaag	ctgaattcaa	ttcacatctc	tcagagggtc	accgtagaca	gctttggaaa	240
ctacgcttcc	tgtggacaaa	ttgacttctc	ctgagggtga	tcttggaag	cactagaaac	300
taaacatctt	caccagggtg	tgaagaaaag	tgtcttcggt	ttaattgcca	agcanggatg	360
tggacatttg	gatgggtgact	tccttgggtg	gntccccata	gattcaccat	tgcttcta	420
ggtgtctaca	cccgtcatac	taccagctga	gatgggtggtg	ggcataagga	gaatttgtgc	480
ctataaccctt	agtgggtctg	gttttttctt	ttaattntta	aattgtcnta	aaatctcata	540
aaacatactg	ncttcacat	ttttaaagt	cacagtttan	taaccgttac	tggtaatcct	600
tcataatgct	gtgtggcccg	nnancgccgn	catnttcata	ggcttctcac	ttggnaaaat	660
gggaactggc	ccattaacaa	gaattccact	cctccaaaaa	aaaaa		705

<210> 2914
 <211> 714
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(714)

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ggatatatgta ncacttgata tgatgcacaa tnngtgcacc anntatatnt ntgtcttntg 480
acntggggttt tgacnnagnt tcactntgcy tncagncttg angntgctac tnactgaaga 540
tcggngnaaaa atnntcnnct ncactggggnn gattanaana tatactggng ttatcantgg 600
aagaaangtt ntntacccaa annnntngaa ccctctttta aaaggattgg nttnagtaaa 660
ttttaccgnt nggttccctt acnttntttn caggnttccn ttttggnnng agtttngnn 720
ccaaacccc 729

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<210> 2910
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (751)
 <223> n = A,T,C or G

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<400> 2910
ganggctctt gttctttttg caggatccca tcgattcgta aatgttgaaa ttaactagac 60
aaagtagttg aagtctgat gaaaagattg ttcagttctt cttctcctgt agctcagaac 120
ctgtttggat catacattta aatgtagaaa tataaagctt ttagaagaaa acataggtga 180
aaacctacaa gacaaaactt ggtgaagagt ttctccatgt gatgcaaaaa catgatccat 240
agaagaaaga aatctgtaaa ttggacttta tcaaaattaa aaacatttgc tttgcaaaat 300
gccctgttaa gatgatgaaa aaacaaacta catactggga ggaaatactt gaaaactgct 360
tatctgacaa aggactctta tctaggatat ataaaaacta aaaactcaat agtaaaaagg 420
caaacagtc aattagaaaa tgggcaaaaag atattcattt cgccaaaaag gttatacggg 480
tgtcagctga acacatgaaa agatgttcag catcactagc ccgtcagagg aaattgaaaa 540
atgacatatt acccacacac ctattagaac agttggaact cttgcttgaa cccangaag 600
tttaaagacc cggcctgnaa caaccaccan gccaaaggaac cttgtcttaa aaaaaaatt 660
aaaaatttaa aaaaatttagc ggaccaatt ttggaaattg gcntgggcaa aaggaatttt 720
tgaaagaaaa atcangaact tcttnantna c 751

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<210> 2911
 <211> 720
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (720)
 <223> n = A,T,C or G

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<400> 2911
tgggnnnnnn ttntnnnnnt acangctact tgttcttttt gcaggatccc atcgattcga 60
attcggcacg agaagatgtt tgattcttca gataactttt gaaatgtgct ataaagggcc 120
tagtttaaaa ggaacttctt ttgaaaagca attaacagtt gataaagggt taaataaaaa 180
ttatctagta aggaatttct tattggaatg taaacgtggg tctaatttta aatagacagt 240
gatataaaga ataaaaagta aacagtgaaa ttgagttctc cagggaaaag gcagacctgt 300
ttagtaaaaa aaggatgctt ttttcagtga tgtctttttt tgagtgcata tgtgtgtgac 360
tcttgaagaa atccatgttc agatttatca gatgattgaa gtgggtgttc tgaataaaga 420
aagctgtgag gcctgaggca gtgacgtatc aggaacata ttttattgga gatttggaag 480
ctatagtaaa acataatggc aataagccaa cttcccagtg gtaaaccac agtggtggtt 540
tagttactaa cctcttgatg accgaggagg ttaataattg gatattgcag agcagcaata 600
tgtaacctgt gtgtaatctc anggccctca ggttaacagt ttcagtnaga agctaagaga 660
aactgacaa aatttagctt accatgacta gctgccagtt ttatgtgggc ctgtgttccc 720

```

cgagcagcgg	cgaggtctgc	gggaggcatg	nttttttagct	nnggacgagc	gccggcgggg	120
ccccgcggca	ggggagcagc	tgcagcagca	acacgtctct	tgccaggtct	cccccgagcg	180
tctggcccag	gggaatcccc	agcaagggtt	cttctccagc	ttcttcacca	gcaaccagaa	240
gtgccagctt	aggctcctga	agacgctgga	gacaaatcca	tatgtcaaac	ttctgcttga	300
tgctatgaaa	cactcaggtt	gtgctgttaa	caaagataga	cacttttctt	gcgaagactg	360
taatggaaat	gtcagtggag	gttttgatgc	ttcaacatct	cagatagntt	tgtgccagaa	420
taatatccat	aatcaggccc	atatgaacag	agtggncaca	cacgagctta	ttcatgcatt	480
tgatcattgg	cgtgcccctg	ccgactggnt	accaacatca	gacatttggc	ccngctcaaa	540
ggttcngagc	tngctaaccn	tanngggaga	cngnnnaacn	tggncaaattg	anatantcaa	600
ngccacattt	acggnnncnn	aacaacacca	ccaaacttgg	ngngcgaana	nanannccct	660
ctttnnnatn	cnggnnnnnn	nngaacnnc	ancncaanna	anaagcctnn	anaangcnnc	720
nnganccaan	nnnnnnnnaa	aannnnnnca	ancnnccenn	nnncctnnnn	nnaaggancc	780
c						781

<210> 2908

<211> 699

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (699)

<223> n = A,T,C or G

<400> 2908

ngttaagacc	tgctcttggt	ctttntgcag	gatcccatcg	attcgaanaa	ttttatggac	60
ttctatggat	atttcttgat	gcttagagat	ttgttttttt	aattgcaaatt	gtgaattggn	120
tatttacnaa	tgctattaca	tatggagcgg	gcctgtggtg	tatggcacta	ttccttggac	180
taatggtacc	caggttccat	tctctgctca	gctcgggtggc	tctagacaaa	gcccctaaaa	240
tgctgtctgc	ttcagctctc	ttaatgggtga	agtggaaatg	aatacctact	gtcacttaac	300
tcattggagat	gctggactga	taattagatc	atgtaaatagc	actttgagct	gtattgaaaa	360
atatgttgct	tcaaattaag	tagagtctat	ggttttgnaa	atataaatat	attgccagaa	420
aatacatcac	tgggggagca	aaacatgtag	accaaataata	acagggatta	gnaacatcag	480
taaacatagt	tgggaaaaga	tggcactaaa	gaaagccaag	aagaaagtgt	tgctcttgtn	540
aaccaaataa	aaaaaaaaaa	aactcgagcc	tntanaacta	tantgagtcg	attacgtaga	600
tncngacatg	atnagatcat	tgtgagtttg	gacaaccaca	ctagaatgca	gtgaaaaaaa	660
tgctttattg	tgaaattgtg	atctatgctt	tattgtacc			699

<210> 2909

<211> 729

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (729)

<223> n = A,T,C or G

<400> 2909

ggatccnatn	gcnggatccc	atcgattcga	ancccgcneg	agtctaggcn	tganccattg	60
cncccanccc	aggtttttta	tnnaannnna	ancntgctga	gnntnnaang	ngaaaagagg	120
ccagntgtgg	tggtctnctg	ctgnggnccc	agctnctccg	gaggctggcg	catgaggatc	180
atttnngccc	aggctgcaat	gcaanggcac	nnatcacggc	tttctgcate	cttnacntgc	240
tgggcnngac	acggagaccc	tgtttatnaa	ngatgaantg	ctggagtacn	caatngnata	300
tgnnanataa	ntncaactnt	nttaaagnan	ctgtatatnn	aatgagtggg	agcanatntg	360
gcanactggt	aatngtacat	atattgaaac	tatagctttt	acacttcttt	gaccacaacg	420

<221> misc_feature
 <222> (1)...(751)
 <223> n = A,T,C or G

<400> 2905

cntnngnaga	ncctntttga	cnagcncttt	ttgcaggatc	ccatcgattc	gttttgccct	60
gctaaaatga	tgcttagcct	gaaaaatcgg	attnnactt	ctcaaattta	tttttccaac	120
tcagtaatta	aaaaaacatt	tacttcctgc	ctactgggtt	gtggaatatt	gtcaggatct	180
ctgggttcca	ggtgagggat	gcagaatgca	gggaaagaca	ggtcccctgc	cctccagaag	240
tcggtggcgc	cttttcagag	taacacacac	tggagcagac	ccctggaaaa	ggacagtcca	300
ctggtggacc	atgaccttgg	tcaaaagagg	gaccaggctc	ggcttgctca	ctgttttgca	360
cccaagaagt	atttgctcag	ggaatgaggg	ggttagattc	ctcctcattc	attaccattc	420
ttactaggca	gaggcctcat	tgggattaaa	agacaggaat	gtaactctct	gccactgat	480
agggaaatgtg	tgtttgctct	ttgtatccca	gggtgtgtat	acctctttcc	tgtggtcact	540
ctgcacttaa	gatatttttg	ggcctggcac	ggtggctcac	gcctgtagtt	ccaacacttt	600
gggacgcaa	ngtgggcaga	tcacgangtc	aagagatcga	gaccatnctg	gncaacatgg	660
tgaaccctg	tctctactaa	aatccacag	attanccagg	cgtggtggca	agtgcctgt	720
aatcccactt	cttaggaaaa	ctgaggcagg	a			751

<210> 2906
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

<400> 2906

tttttaattcc	ttgctcttgt	tctttttgca	ggatccctcg	attcgcagag	tcaacatgga	60
gcatctcact	gtgaaatgat	ccatggattg	aaggatatgg	taaaatgttt	atagtttact	120
ttgaaagtaa	aatatactat	gtcttggttt	tgaggatatt	ggatacaaaa	ctctcttcc	180
ttagggctac	tgagtcttga	ttcctgatca	tcagaaattt	caccagaaac	aacttgcttc	240
caatataccc	aattctatat	gaagaattca	tggagagtgt	actggcactg	gaagagtcca	300
gtgtttcttg	tatgcttgaa	aataaagtat	gtactgnntt	gaatgtgaaa	annnctatnt	360
aaananactc	nagcctntag	aactatagt	agtcgtatta	cgtagatcca	gacatgataa	420
gatncattga	tgagtttgg	caaaccacac	tagaatgcag	tgaaaaaaat	gctgtatttg	480
cgaaatttgt	gatgctatng	ctttatttgt	aaccattata	agctgcaata	aacaagttaa	540
caacaacaat	tgcnttcatt	ttatgttcan	gttccaaggg	gaggtgtggg	aggttttcta	600
atnagctgtc	nactatnccc	nttgcnnnt	tatnncaccn	aatttttgnt	tcntttnaan	660
anaccctatt	tcnnggcntn	gccctanncn	nggttnnaan	tgcnttcccn	tnaannnatc	720
ntncttgntt	tggccttccn	anaatgcngg	gan			753

<210> 2907
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

<400> 2907

gcntnnaaga	ccncttgga	aattcccctt	ttgcaggatc	ccatcgattc	gaattcgga	60
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<210> 2903
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (757)
 <223> n = A,T,C or G

<400> 2903

gtcttcttca	agatgnanccg	ctttcgncn	ttgcaggatc	ccatcgattc	gaattcggca	60
cgagaccatt	ttattttttg	ggccattacc	ctttaccctt	tattgctgcc	aaaaccacat	120
gggctggggg	ccagggctgg	atggacagac	acctccccct	acccatatcc	ctcccgtgtg	180
tggttgga	acttttgttt	tttgggggtt	ttttttttct	gaataaaaaa	gattctacta	240
aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaactc	gancctttaa	300
aactntagng	agtcgtatta	cgtaaatcca	gacntgataa	gatncattga	tgagtttgga	360
caaaccncaa	ctagaatgca	gngaaaaaaaa	ngctttattt	gnnaaatttg	ggatgctatn	420
gcttnattng	tanccattnt	aagctgcant	aaacaagtta	ncancancan	tngcnttcat	480
ttnatgtttn	aggttcaggg	ggaggtgtgg	gaggtttttn	aattcncggc	cgcgnggcca	540
atgcattggg	cccgggtacc	annttttgtt	cccttnagt	aggggttaatt	gncnccctgg	600
cgtaatcatg	gcatagctgt	ttcctgngng	aaattgttat	ccgntcacia	ttccacacia	660
catacgaacc	cgggagcata	aagtgtaaaa	ccctgggggt	cctaattgagt	gagctaactc	720
acattaaatt	gnggttgngc	tnactggccg	ctttcaa			757

<210> 2904
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (750)
 <223> n = A,T,C or G

<400> 2904

cttanacaaa	ntcntgtgac	ttgctctttt	tgcaggatcc	catcgattcg	ctcagattaa	60
gggtttgaaa	aacaaaccga	aaaagatggg	cttnataaag	ccagacttga	ttgacgttga	120
cttaatcaga	gggtcaacat	ttgccaaagc	aaaacctgaa	attccatgga	catctctgac	180
tcggaagggg	cttggttcgag	ttgtattttt	tccattgttc	agcaattggg	ggattcaggt	240
tacctcttta	agaatctttg	tttggctgtt	actactttat	ttcatgcaag	ttatagcaat	300
tgtcttata	ttgatgatgc	ctattgtgaa	cataagtga	gtacttggac	ccttgtgcct	360
tatgctactc	atgggaactg	tccactgtca	aattgtgtct	actcagataa	caagaccatc	420
aggaaacaat	ggaaatcgaa	gaagaagagt	ttcgctcttg	ttgcccaggc	tggagtgcga	480
tggcgcaatc	tcggctcact	gcaaccgata	cctcctgagt	tcaagcgatt	ctcctgcctc	540
agcctctcaa	gtagctggga	ttacctgcgt	atgccaccac	accagctaa	tttttttttt	600
tgaatttagt	agagatggga	tttcaccatg	ttaatcangc	tgatctagaa	ctcctgacct	660
cangtgatcc	accgcctc	gtcttccaaa	aggactgggg	attacaggcg	tgagccactg	720
gaccagccg	ctaaactttt	aataaggatt				750

<210> 2905
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>

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ttctcagtgcc tctttgcctt ctctgtctgc gtgcttctctc ttcactccag tgctgaccc 360
cctgctctct ctggcagctt ccacctcacc cgccccctctt ccacactata accagtatgg 420
ttgggtgctgg ggcattgact cagccccctt gctttctgca tttgtaatag atattaatat 480
gatttcctaa aacagaagat tttgttgctt tctttgaact tgtattgaaa accatacagt 540
ctcactgttt tgctttaatt cctatccaca ctataaatgg aagaaaaaaaa ttaatagctt 600
ctgtttaatc tgatgaatgt ggcttttttt cccttcactt taatgttcaa gaagttggng 660
gctatttcat agattcttct ggattaatct gggggctcct ggatatctg 708

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<210> 2901

<211> 709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(709)

<223> n = A,T,C or G

<400> 2901

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tttttacatc agctcttggt cttgcaggat ccctcgattc gccgnattgg gctatggaat 60
tggaaggcct gttttggagt actctaaatt aaaaaaaagt tatatttgta aaataaccac 120
cacaagattg cctgattcac agttcttctg agtattggcg taggtaatta ttaagatgt 180
ttgataaatt gtaaaatgct ttttacattt ttaaggaat caattgaact actggaaacc 240
agtatgtagt attcttggca ggtctagggt tcataatcct aatttctttg cagccacta 300
ttcagaaatg tagtgattaa cagagtcaag aatgtttcag gatatttttg gctacaagta 360
acaataccta actaaaagtg acttaaataa taagcagttt gttatttcac agaagagaa 420
gctcagagcc agagagttac agggttgggt cagcagttca gtttcatcaa gaacataaga 480
cttgcttact ttaaagctcc tctgcatgtc agcagagggc tgccccaatt ttagatacca 540
acatctggcc aaagaagagc agggaaatgct tctttaagta cttattaggg agcaaaactt 600
ccttaaaagt ctcataaggag gtttttcctt aggtctcatt ggatctcaat ggctcttgca 660
tctagaaaaa ggccacattc cttactctgg catttaagtt tttataaccg 709

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<210> 2902

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 2902

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ggctnnttnn ccttgtttct tnttgganct nnetgatccc tcgattcgaa ttcggcacga 60
gaggagatng ggacagagca tctaagatt caggagnttt tntagtcac agggagcngt 120
gctattcaga ggccccaagg tnnganggag tttggnctgt ccaaggaacg caagaaggctc 180
antgcantcg angcanagta agtctgaang agagagggtca gggctgagat canggaggtg 240
gtctgagggc cctctgaggg ggacctgata aangggtttg aattcatnt gaantgtaat 300
angtccatat tagaagcana aactataaaa cgagttangc tgataaacct agggntcata 360
acagcacgaa aaaggcaata gataatanga cacaagcaan aaaaaattca cgtgattaaa 420
ataatacact tgcagagctt acaaagagaa atgtnagtna tccaggaaat ctantngcat 480
ctaagncttc attcatctta ccagataaat gaaatgctna aatntnagtt gcttgcatatc 540
ntaacacaca gatattcttt tatatacaca cattcatgtc ataaancatg tganngttat 600
cnaaagaat tnanaatnct tgtgatgagc tttacttacc ataggtcata ttataatgat 660
taatgagggc atttgaaatg tatttcacct atcttgagat ttgcaanatg ngatatgaaac 720
atgtcatatc atnactatgc actntaaaag ag 752

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<223> n = A,T,C or G

<400> 2898

ngttaagana	cagctctgtt	ctttttgcag	gateccctcga	ttccgaattc	ggccccgaggg	60
ctatttaaaaa	tgtaatcagt	gtgaaaattc	atgccatctg	aatcgtacga	gtatgtaagg	120
gatttgagtt	ccttacagaa	ttttctgtaa	tttagtactt	caagtgactt	ataaatgtat	180
atacttctct	ctcacaaaag	tgtaggaga	aggaaaatct	taaatactag	cttgatttct	240
taatttaata	acaaaaaaca	attctcataa	catgtatcac	ctaacatgtc	actttcactt	300
taaaagtcta	aagagttgag	gtttatttct	tttcttttaa	agttgatgtt	tatggtgggtg	360
atttcgaaaa	gatcagatcc	cccgttatga	aggatcttaa	ccttgtcttt	tagatctcca	420
tgagaaatgc	agtacatgta	gcattagcca	tatttctttt	ttagaggcct	atgtaggata	480
tttataacct	gtaaaagttt	gatgacttca	tgctcaggag	aaagcaagta	attacctagc	540
caagccaggt	gggtgttcag	gttagtggtg	aacagaaagg	agatgttgaa	agatttcata	600
tctaaagggt	aaaaacacan	gagaagtata	tagagataaa	catgtaaagt	ataagactgg	660
tacatatgtaa	gctcctncga	agtggcagcc	attggtatta	tttttctgg		709

<210> 2899

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 2899

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caaatagaaa	tgggagataa	gaantatatc	tgtgcaatat	taaattgaaa	aanggnaccc	120
ataaaaaagt	tcaaaggcaa	ataatttgct	ctagatcaca	aaactagtta	gcacaaggct	180
aggattataa	ccagggtcta	ggaaaaaaatc	ctgaagggtga	tttaactgag	tgtagggccc	240
tgtcaagcca	cctgctaagg	ctcatgggtct	ttcagactag	cttcaacatt	ccaaatcagg	300
caatagctac	aacggaaaaga	taattggacg	gggaatcctg	agatcagagt	cctagtttgg	360
ctttgtctct	tgtagcagga	tttttttaaat	caggggcagc	tctcttntcc	catcccagcc	420
atgaatcttt	caaccttagt	ggtcaccaac	ttgactccat	tccttatatc	aagccttgtc	480
ctgtcaattc	tcctttaaat	gttaagttgc	atccatttct	aaatatatcc	atggccatca	540
ccctagtga	aagactatta	cctnacaccc	cgcnccttga	tcttcccccn	ncttttaagt	600
gactcaattc	cttatatnac	tgccncaaga	ttaacanccn	tgtccatctt	tcatttctct	660
gctgaaagat	ntcanggggt	cccctganc	caaatanng	ttcgatccct		710

<210> 2900

<211> 708

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(708)

<223> n = A,T,C or G

<400> 2900

gnttntcaag	tgacangann	agctctgggtc	cctcgattcg	cagaaaacta	gcaggttaca	60
ttttataggc	tattgtagtt	ttatttacca	aatgatattc	tctaaatcac	ttcgaccaat	120
aaatgtattc	tcctccttaa	agcagagttg	tatcaactct	gtgggagcat	ttatgagctg	180
tcagtcccca	cacttctagc	cagaatcaca	ataagggtctg	gctgggtgtg	gggtgctgca	240
taggaaaggg	tctctggaga	agcaagaagg	gcacaatcat	ggcccactgc	ttccctcttc	300

<210> 2896
 <211> 702
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(702)
 <223> n = A,T,C or G

<400> 2896

gtnatgttgc	natgctnttt	gcaggatcca	tcgattnggg	aaccaggggc	tgcagaaccn	60
gcccntcccc	aatgaggacc	ccctntggac	gcccctcccc	atggagaaca	ccaggagcca	120
cagacccag	accacagagc	acacagggga	gggcacgggg	cgcccggggc	agggtgtctg	180
ctgcctcggt	tatgggattt	gctccgcgtc	tagcacactg	ctgcctgcag	tgtcctgtc	240
ccctgcagtg	gctactctgg	gcctacgggc	ctaactctgg	ttggcatgaa	aatgtcctga	300
ggctactgtg	acaaatttcc	acaagctgag	tggcttaaag	gaacacattt	gttctcttac	360
agttgcaggg	gccagaagag	tctaaaaaca	gtcagcaggg	ctgggttcnc	ctgnaggctt	420
ataggggctg	aatccggtnn	ctgncttttn	tagtatctgg	agggcgccctg	catccnctng	480
cttatggccc	ctttcatcac	caaanccagt	ngtgtnacat	ctttccacct	nttcttgacc	540
ctgacctncg	ccctttctct	taaaaggacc	ntgtgtnact	ttgggacctac	ctanntnatt	600
tagggtatatt	antatttaag	gaaccctgna	ttttaatncc	actggcnagn	accttttgcc	660
aggtnaagn	acaaattcca	agggttttag	gatnaaaant	gg		702

<210> 2897
 <211> 709
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(709)
 <223> n = A,T,C or G

<400> 2897

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cangctggga	gctattnaca	catgtccatg	tgggatanag	agngcatgan	agcncannan	120
cccancctgn	tggtnacact	tgtcatctg	aggncnacc	tggatanacan	anacctaate	180
catggggacn	nnaancacct	aatgnctnn	tntgtaacca	tccnnntggg	tgaatnaccn	240
gaggncgagg	antngacnac	ctctgtgacc	cacnctggga	tnaannggtg	ctantataan	300
tcgntgctgg	cttgactcct	gtgcctaagt	gatectcctg	ccttnactng	ngactagtna	360
ggactanngg	ncnacaccgg	cacacntggc	taattgctta	aantcncann	ntntnnntg	420
ganacgggan	nntantgnn	acgnncnangn	tggncatgaa	cttttggcct	taagcagacc	480
ttctgntgcg	gcctnntaaa	nngnnnggat	tgatccnctn	agncnnnncc	atggcncata	540
nnattancta	naggtttaat	nttaggtgan	tttnaccgta	tattgaaatg	cncaantctt	600
aactgccagc	cnttaaagaa	ntccnatnga	gatgtaatcc	atatactnta	gaaanntgtg	660
catanttcac	catgcnttat	ttgnagggtg	accanttcen	gggttattt		709

<210> 2898
 <211> 709
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(709)

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tgcagttact	catgaacata	gatgcaaaaa	tacctaataa	aagtttagca	aattctatcc	540
agtaatatat	aaaaatgaca	attcatcatg	ttcaaatggg	ggttatttta	agaatataag	600
ggttgcttta	acatctgaaa	gtcagtcagt	attaattaac	catactggta	ttataaacct	660
agnaaaacca	ttttggagca	tttcaataga	tcgagaaaaa	gaaatttgac	aaaaatggcc	720
cat						723

<210> 2894

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (738)

<223> n = A,T,C or G

<400> 2894

tacaagctct	tggtcttttt	gcaggatccc	atcgattcga	attcggcagc	aggagaggcc	60
atggcccgc	agaccgtant	ctcagacaca	gagctgagta	ttgttgaatc	atctgtgatc	120
agcttgctgc	aggaggcaga	aagtaaatct	gaacttagtc	agaacatctc	tgcccgggaa	180
cattttgtat	ttaccgatat	tgatggccaa	gtgtatcatc	tcactgttga	aggaaactca	240
gtaaaagaca	gtgctcggat	tcaccagat	ggaagtatgg	gtagtattac	ctgcatcgct	300
tggaaggtg	atacattagt	gcttggagat	atggatggaa	atttaaattt	ctgggacttg	360
aaaggcagag	tatccagagg	aatacccaca	caccgaagtt	gggtgaggaa	gattcgtttt	420
gctcctggta	aaggaaatca	aaaattaata	gcaatgtaca	atgatggagc	tgaagtgtgg	480
gatactaaag	aggttcanat	ggtgaacagt	ttaagaagtg	gcagaaatgt	gacctttcgn	540
atattggatg	tngactgggtg	tcogtcaaat	aaagtgatct	tggnctcaga	tgatgggtgc	600
atcaaaagtc	ctanagatgt	ctatgaagnc	tgctgtcttt	anaatggatg	aaccaagagt	660
taccgancc	ttgnttgggg	ccccctatct	ccttgttnca	agggcctntc	ttgccttgaa	720
agcccttttt	attacacc					738

<210> 2895

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (710)

<223> n = A,T,C or G

<400> 2895

gtttaagcag	ctctngttct	ttttgcagga	tcccatcgat	tcgaattcgg	cacgagggga	60
cgtccangat	caagaggcca	gcagattcgg	actccgctga	gggctgtttc	ccgatccata	120
gatggtgcct	tctcgtgtga	tcctcaatgg	tagaagcaca	aacaagcaag	ctccttcctg	180
cctcttttat	aaggactcca	accctgttca	tgagggctct	gccccatga	cccaatcagc	240
tccaaaggcc	ccacctccta	atactgtcac	cttgggggtg	agaattccaa	tgtgaatttg	300
cagggggagt	gggggacaca	cacaaatttc	ggggccatac	cacccttcac	cacaccctcc	360
tgcgctcagg	gtggcttgca	gtccctggcc	cttctgggtg	gcatttggtg	tgctctttct	420
cttgggggtg	ttttctgatg	ttttactcta	tatagtgaag	agctagggag	agcgggtctt	480
ctcccccttc	cctctccagt	cccctcaca	tcccagatgg	gttctaatac	agctgctggg	540
gcctgatgcc	ctgagttgtt	tgtgattcaa	taaagaatcc	ataagaaaaa	anaantnncn	600
tnnnnnnnnn	nnnnnnnang	naannnnnn	nnnnnnnaaa	nggnnnnnnn	annnnntnaa	660
nnnnnnnnnn	nnnnnnnnnn	ntnntnnntt	nnnnnnnnnt	nnnnnnnnnn		710

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gagtacgang ggcanaactg gaaaccccat nnctnnanga anccanngcg atgcgaattc      60
gggcacgagg ctcttctctg tgccctttat ccgntttttc cagctcacag cactgacaac      120
cggtatcatc tccaggctct ccggcacctc tatgtgctgg ccgcggagcc caggcttcta      180
gtgcctgtgg atgtggacac aaacacgccc tgctatgccc tcttagaagt tacctacaag      240
ggcactcagt ggtatgaaca aaccaaagaa gaattgatgg ctccctaccct tcttccagaa      300
ctccatcttt taaagcagat taaagtaaaa ggcccaagat actgggaact gctcatagat      360
ttaagcaaag gaacacaaca cttgaagtcc atcctttcca aggatggggg nttatatgtt      420
aaactccggg cgggtcagct ctctacaaa gaagatccaa tgggatggca aagnttgntg      480
gctcaagact gntgctaaca ggaactcnga agccccgggc tttcaagcca gaaacaatct      540
cagcattcac ttctgatcca cacttctggc atttgctgaa nattncngca agccaactgn      600
gaacatgggg cagaaaacag gaaantctgg aactcttttc ttcagncccc atgaaagggg      660
taccaggag acccaaaaaa gttgcccgnc atacataaca atggacaggg tataagaaaa      720
cttgggaaaa naaaaatgtc tgat                                     744

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<210> 2892

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (764)

<223> n = A,T,C or G

<400> 2892

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gccaggatgg tcttgatctc ctgatcttgc gatccaccgc ccttggcctc ccagagtgtc      180
gggattacag gcatgagcca ccacacctgg ccacagaagg gatcatttct aaatagcata      240
gaatcacagg gagtacacct catgtgactt caggtttaga gtcagcattt gctcataatg      300
aattacatat cagtaaatga acatgacatg cttcaacttc aataatatta aacaaaactc      360
tttcagtgtg cttattcata gacgaaaaac agggcctgaa aaccagtggt gacttgggtg      420
tcatatatct tcagtttggg tgcactatat cagtgtcaat caataaaggc caggaatgat      480
tttgaggatg aatgtccagc cttaaatctt aaatgaaagt gaaattcaaa cacttagccc      540
agcagtagaa gaacaaacac tagtgagaca agtataaatt tgntaagacg aacatggggc      600
agatcccatt atctaataa tggggtcctc cgacagtatg taccgtctnn gaanaggaag      660
naaatattca aggtncccaa atggagccat ttccttcaaa agacaggccc aaggagcttn      720
tgaaaaanaa anccaagtgt nggccaanaa angaaggggg ccct                                     764

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<210> 2893

<211> 723

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (723)

<223> n = A,T,C or G

<400> 2893

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gnntnnnnnn nngnnctngt ctttttgcag gatccctcga ttogaattcg gcacgagatt      60
tcctgaggtc tccccagcca ggctgaactg tgagtcaatt aaacctcttt cccaataaaa      120
ttaccagtc tcgggcatgt ctttattagc agtgtgagaa tggactaata caagtaccat      180
taataaattt cacaacgtag attaaatgtg caaatctctt gaaagacaca aattaaaaaa      240
tgacctgaga agaaaagaaa cttgaataga tctgtatcta ttaaagaagt tgaaattata      300
attagaaacc ttttgaacat tagaactcca ggcccttgtg tgtgaattct atcgaacatt      360

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<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (717)

<223> n = A,T,C or G

<400> 2889

cnaaanatnn	ctggngnngc	gcgttttgaa	ctatcaacta	gatctgggaa	gatagaacag	60
gcnttntcag	attgccttgt	ttacaaagtg	tcatcacgaa	aagtgttcct	ctaggaaggc	120
ataatatgtg	gcctgatgga	tttgatgagt	agattgtaaa	agggttggga	ttctggcaga	180
acaagaagag	ataactaatt	agtggaatta	actgagaaaa	gagttcatta	gcatgttggc	240
tattagactc	taataaaaaat	gggtgtgaaa	agatgggatt	tggacctaga	ggcagtctta	300
gagccataat	ccttttttttc	tccttttgtg	aaagtgcacg	gtacttctgg	tctgagtcca	360
taaatcagct	atatctaaat	ggaaaactat	atcccactgg	gatggtaatc	acccttttga	420
tagaaagggt	agaagccaga	ttcttcaaca	gaaatggaac	ttatcaattt	aattaagatt	480
cctcaacagt	agattttttag	gtcagtggaa	cccctgtgta	aagcgatgtg	ctactgcatg	540
cctagaatcc	tatatcactg	atagctgaaa	aagaggcana	gcacttacca	ttttcattag	600
nctgtatncc	cttggaatgt	aagccctttt	tgaangggaa	atctactcag	gangctgaag	660
cccgaaaaat	nacttggaaac	ccaggaagca	naaggtttgc	ttgtnaccn	aaaattt	717

<210> 2890

<211> 717

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (717)

<223> n = A,T,C or G

<400> 2890

cnaaanatnn	ctggngnngc	gcgttttgaa	ctatcaacta	gatctgggaa	gatagaacag	60
gcnttntcag	attgccttgt	ttacaaagtg	tcatcacgaa	aagtgttcct	ctaggaaggc	120
ataatatgtg	gcctgatgga	tttgatgagt	agattgtaaa	agggttggga	ttctggcaga	180
acaagaagag	ataactaatt	agtggaatta	actgagaaaa	gagttcatta	gcatgttggc	240
tattagactc	taataaaaaat	gggtgtgaaa	agatgggatt	tggacctaga	ggcagtctta	300
gagccataat	ccttttttttc	tccttttgtg	aaagtgcacg	gtacttctgg	tctgagtcca	360
taaatcagct	atatctaaat	ggaaaactat	atcccactgg	gatggtaatc	acccttttga	420
tagaaagggt	agaagccaga	ttcttcaaca	gaaatggaac	ttatcaattt	aattaagatt	480
cctcaacagt	agattttttag	gtcagtggaa	cccctgtgta	aagcgatgtg	ctactgcatg	540
cctagaatcc	tatatcactg	atagctgaaa	aagaggcana	gcacttacca	ttttcattag	600
nctgtatncc	cttggaatgt	aagccctttt	tgaangggaa	atctactcag	gangctgaag	660
cccgaaaaat	nacttggaaac	ccaggaagca	naaggtttgc	ttgtnaccn	aaaattt	717

<210> 2891

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (744)

<223> n = A,T,C or G

<400> 2891

ccggnnnggca acaagcttgc cctnggggggn nccctgnctt ggancctgng ttaaccccan
actnttgncc ccgncttnat ggggnance

720

749

<210> 2887

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 2887

gaatnaatcg	cttggctact	cgcnccttttc	tgcaggatcc	catcgattcg	tgtggcccca	60
agagtgggag	gagtgggctg	tcagtaggcc	acnttntaaa	tatctgtgtt	ctggctgacc	120
cccatatgct	aggatactgg	agatgaggaa	ctggagaagg	tgcttaaaga	gcacatctgt	180
ctggtagagg	acacagagct	gtccttcaag	catttgaacg	atgttctcat	ttccctggaa	240
tcttctcctc	tccaggctca	catctctagc	tccttcaatg	attcctcttg	cgacatcatt	300
ttagttctct	tccccaacct	agtctttttg	cttttaatga	atgatcactg	atgtatagcc	360
ctgatgacat	ctggtgtcca	cagtgggtgcc	tgatgctccg	ggtgaagttg	aagtttgacc	420
agtaagaggg	aagaaagaat	ggctcctccc	tcatttcaga	gaatacatcc	tagtcacaag	480
tgcccctaata	gtcactcagg	tttttgatag	ctacattccc	tcactgatcc	agtagaatac	540
actaccaact	gatgcaccat	cttgattaac	aacagcaagc	cttcccttcc	ttncctcaagn	600
atctctcctn	acatggcttc	catncagatt	tgcttttaac	ctgccacttt	ggaangggcc	660
ccccgagatc	attttaatta	aacacgttat	tagaactggg	ttaataaggc	tancctctat	720
gtctctgcna	atatttccaa	gc				742

<210> 2888

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 2888

nggttttnang	accttggnta	angccttttc	tgcaggancc	catcgattcg	aattcggcac	60
gagctctttt	cttgcttagt	gatggcatcc	attttaagga	acaaacctgg	aatgctgag	120
caaagaacac	atacccttca	tttccaaagg	ttcatttccc	actcttactt	tagattgaca	180
atgagttgta	gttcaaaggc	tgccctgcag	ggaagctcat	ataccctata	atttaaaggg	240
cctcagacga	ctcttgggaa	acttggtaaa	acattctatt	tagagacatg	cctgctgata	300
tgacatatat	ttttatagtt	ataccctttt	attgctggga	cataaaacct	gttttcactc	360
aaaatgttcc	tgcttttcaga	aaatagaaca	agagacatgc	agaaaacagt	gattctatta	420
ttgtgtatta	tgacttttgt	tttatagttc	tcttttccaa	ctcatctctt	ttccctgcag	480
ctgtggaatc	tggacagcaa	aatcttgtgg	acgtttatcc	cactaagccc	agggatgaga	540
tggcactcan	gttaaagaac	taacattttc	tgaaaccctt	cattactttt	taccagcatc	600
angccctctt	aagttccaag	tggttaagaaa	cccttcattc	aaatctttac	ttccgncant	660
ncccatcttc	aagcccttct	attatgaacc	aaaatttcan	gaaaccncta	gggatgcccc	720
ttaagaaatt	ggggttacat	gggttgnccc	aaaaa			755

<210> 2889

<211> 717

<212> DNA

tctgaggctg	agaaaaataat	gttgagntnc	catgaagaac	angangnact	gccanaaact	360
ttccttgcta	atntcccttc	tctgataaag	atggacattc	acaaaaaagt	aactgaccca	420
ngtgtggcca	aaagcatgat	ggctngcctc	ctgncttcac	tgaaggctaa	nggctcccgg	480
ggagctttnn	gagaagngag	accanatgan	anaagaattc	tggaatctta	cagcangtta	540
agatggtnnt	gaaattgcaa	aaaaaggaag	gatttncaaa	aggatgnngg	ctattacttt	600
ggctnggaac	cctggggacc	aattcnttga	cactgggnaa	ctgntncaaa	aagtctctta	660
actgcaccct	nggnnnantg	ggtaacttga	agggcntcca	taacagtcaa	gccncnagaa	720
atgggnacca	aaaccatncc	aannggantt	cgcaaccnan	aaagacnnt		769

<210> 2885

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (746)

<223> n = A,T,C or G

<400> 2885

gaancanctc	tgttcttttt	gcaggatccc	atcgattcga	attcggcacg	agattgaatt	60
ttctgataat	tgaagcttat	taattgtota	aaattatctt	aagatatttt	ctgatgtaca	120
tcattttaaa	atgagttgca	cacattttota	ttctgtttca	acatattcaa	tataattttc	180
gctcttggtc	atctgttggg	attcattata	taattcanac	gtggtctcag	gtctggagac	240
atgtgaagtt	attgctccta	cactgagtgt	ttccatgtca	ttatgcctta	atccttattt	300
agacacagct	atgataccct	ctttacaaca	taaaggataa	gcaaaaggat	gtataaatgt	360
atcctgggct	ggaaagtggc	attattgact	ggccattggc	catcagcaaa	ggggcctgag	420
tggaaggata	tgaaggatg	gggtgaatgt	agatgacngg	ttgatgggtg	cagcaaacca	480
ccatggcagg	tgtataccta	tctaacaaac	ctgcagggtc	tacacatgtg	tcccanaact	540
taaagtatat	ttaaaaaaaaa	aaaggatgan	tggtgagcac	agctgacaca	ccccacgaat	600
atctgggggg	ctttgagaan	gttgctgana	tccagtaatc	atgtggcaag	tttcagttat	660
ttttattgag	acctcttggc	tcaataggct	gttgaagtcc	ttggaactcc	atcaaagggtg	720
ggtttcccaa	tcctncatga	ctgcng				746

<210> 2886

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (749)

<223> n = A,T,C or G

<400> 2886

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caggcttccc	agtgtgccct	gcacccctcat	ctgtgaggcc	gacttcacta	tcattcccac	180
ttataggtgg	aggagactga	ggcacagagc	tcccaaagcc	ccacagctgg	cgagtggcag	240
ggctagcgtg	cgatgtccac	tagactgggtg	tctgacgcag	aagctgcgct	tctcaccctt	300
gggatctgga	agataattct	gatgtgtgag	atccaggaga	atgcattgtt	taaccagaaa	360
atgtttttgta	actgcatttt	tgtttttgac	agaaatgtga	ctgcccactg	aatantgagc	420
attggaatta	gagaccatct	agctgccggg	gctgggntgg	gtcatcttgc	gncnttaag	480
actgaattgg	gatgctggat	tccantctta	aaaaccggca	tgngacata	ccacaaacag	540
ggtancntaa	aacaacaaaa	tnntttttcac	aattctgaag	ggtaaaaggc	tgaaatcang	600
gcntgtgggc	acggtgagct	ccttcttgan	gcanactggt	cccgttcctt	nccggaacct	660

<400> 2882

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agggaaattg	tgaataaaaa	cataaatctt	gcaatagggg	aggggaaaga	aaataatccc	180
actcctgaag	tgatgaaatg	aagagtggct	agagaggaga	aaagaaccag	gacaggtgat	240
atattagcaa	ctgtcagtgt	gaataatcca	gggtatgaca	tttctaattt	agcctcacat	300
ttaaggtcat	ttctgattca	acctcaaatg	atccttctag	cctactgctc	ccctaaatat	360
taatatattc	tttgtgccag	tcacagtgtg	ttaacatttc	cctgaaaaca	tcttaagcat	420
tttttttaac	ctatgtgact	tttgcttctt	tccatctcaa	ccttttaaaa	tcttacctac	480
ctgtccctta	cttcatcaaa	tgtttcta	tatttagaaa	caacttctaa	atttccta	540
atatatgtat	atctgngttg	agtatgtatg	tggnataact	aaattagagc	taaaatattc	600
ttttattagt	atgaaaattt	gtgnaattag	ttgatttatn	ccttcatata	tctctgggag	660
aaaatctctt	ggtcaagcct	ggtagccctc	agagaacttt	aaagttttat	tgattcta	720
nttatgtatg	tatgcatgna	tgc				743

<210> 2883

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(737)

<223> n = A,T,C or G

<400> 2883

gantcagctc	tggtcttttt	gcaggatccc	tcgattcgta	aaggacctgc	ctgcggctgc	60
tttacagttt	gtttgttttt	ttttaaaata	agtagaagat	atacactaaa	gtaatgataa	120
atgtatagta	tagtaaatac	acaaaccatt	aacagttggt	tattttcaag	tatatgtact	180
gtacattaat	tgtgtgtgct	gtacttttat	acaactggca	gcatggtagg	tttgttcaca	240
ccatcttctc	cacaaacctg	agaatcgtgt	tggtgcactg	caagtcatta	agttaggaat	300
tgttcagctt	cattataatt	tgtgggaaca	taagatgtcc	ttaaatagca	cataactgta	360
atgtgttttt	tttaacatct	tggttttttc	agcagctatg	ttagtatcca	gcagataact	420
ggcactctgg	acatttgatg	ggtgaaaata	ttcacgggtc	attcctttct	tcgaatgagc	480
cccaataatc	attgctctct	gaattcctct	atcaatattt	tgcctatcat	ttgacatttt	540
tagacattta	aaacttctta	gtaagatagg	acattactgt	aagagcattt	gtctgcatat	600
actatttcag	tttttttccc	ctttgtctga	gttaattctc	tatctactgg	tcacagtaaa	660
gagttccata	acatactaca	cttgccctaaa	cagatttaac	ctctggcagc	tcactctgact	720
gaacacagta	agtaagg					737

<210> 2884

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 2884

acntngttct	gtnnnnga	nccctnnctc	naaaancnag	gcgggtgcgtt	ntcagccacc	60
tccactgact	cctacctcca	aagntnatac	tttttagacc	ttattttcct	aaggatgagg	120
ntagtangag	ggctgcttnc	cctcagcctg	gattactgct	ttggcctaga	agatgaagat	180
ggcatatgtg	gttatgcctt	gggcactgta	gatgtgaccc	ccttnattaa	aaaatgtaaa	240
attncctgga	cccccttcat	gcaggagaag	tataccaagc	caaatgggtga	caaggaactc	300

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 2880

gagattttcc	ttaactgcaa	tggtactcgc	ctctttccgn	agcccatcga	ttcgctgggt	60
catgaaataa	cagattaaaa	atgttctctg	gtaattttaa	ttaaaccattt	ctgtaaattg	120
aaggaaaaga	aaaagatttc	agagagtctg	atcaataata	gcttggtgggt	cctagttagt	180
ggagcagtgt	ataaagaggt	aagggtttttg	agggaaaaaa	atactatgtc	aaatgggggg	240
tgaatgataa	aaatcgctct	catttttcctt	tttttcacct	ttcatcttca	tttatggaat	300
ttctatacaa	taaatntgnt	tggtatttaa	taacagtgc	tctcccccg	aatactgttt	360
ttattttatc	ttacttaaca	aaatattntg	tagtggttct	gtgccaagt	ctgttctaag	420
cactttgcna	atattnttct	acntaacctt	ataagggtgg	tctgtttta	tgcctctttg	480
ttcgnttgcc	agcaattaat	gaaactgaaa	cagtgcctgt	ccaagacacc	ntaagnagta	540
aatggcatag	ctggaatttg	gccctnaagt	cagtcctctt	aaccactgng	ctcttctgtc	600
tgctaattga	aaacccttat	aaagtgggtga	accanaaaaa	gccagagggtc	tggttttann	660
ntnccatttt	nggcnttttn	aaaaccgggn	tttttgctc	ttgtcccccc	aagaanttgg	720
gggttttcaa	tggaaccttt	ggntcncnnc	canngggggc	tcnancnncn	g	771

<210> 2881

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 2881

acngcncgnc	cancngntng	gaantccccn	ctctgcnnng	agcccatcga	tnccaattcg	60
gcacgaggng	aggcatnttg	gcntnaacnt	gcgtttttta	cagaagttat	gtgccactgt	120
ggaaatngct	ggaaatacaa	atgcaaaaaga	aaacacaaat	ctctgncatt	ctgcagaaac	180
agcattctnn	ngaccccntn	nggcttattc	tatagatgta	tatccttggt	cttacagaaa	240
cttgatcata	ttattntatn	actngcnggt	tcatntaaaa	atatcatgaa	catcttnngt	300
gacatgacat	gtctcnnctn	tnaatgagng	catagacnnc	caaactacaa	atcttccata	360
ctcngtgnan	agnncctcca	ctgcagtcca	ncctggggcaa	cacantgaga	ctccgtcgca	420
aaaangncaa	nagacnggct	attgacnnc	atgttgacnt	tggtatganng	tggcantaat	480
ntgantgccg	taacancgaa	tgccaggagg	gagaggaana	nacccgggagc	ccaagttgna	540
ttgggaaagt	ggntcaggcc	attggtantg	naaaaatcat	aattcncang	antttganat	600
gggagaaatg	cgggcnggac	ttgaccgnat	ctnactgaaa	ncgnanactn	cancgggaag	660
ntncaaggcn	aanngtcat	tttaaaccct	anggnnttcc	angctggnaa	nganncccn	720
ggattgncc	nactnncctt	ccaggcctgn	aanaacaaaa	actgnnct		768

<210> 2882

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(743)

<223> n = A,T,C or G

aaccncaaac tttnnaatgc cnntnnaaaa aaaaagcctt ttattttggg gnaaaatt

778

<210> 2878
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 2878
 tgcatacaca cgcttnggaa ctngccctct ttctgcagga tcccatcgat ncgogctctc 60
 cctttatagt ttctctataa aaactgggtt taaaattagt ggaaaagggc aggttgaatc 120
 aaggtgaatc aatctgaaat tgagcacacc tgccctgccat cgctgttctt tcaactgagt 180
 gctgcacatc atgggctctg tctgtgagag aaaaatcccg gtgcttggtg tccttgcatt 240
 acatggagtt ttgcatgtag atcantttaa aatgtacctc ttgtttacat aatttgcata 300
 attttaaaag ataatgttgn cnaactntgg aaatgttaat gttcagactg aaaatctcca 360
 ctacatgtaa ctctcttctt ctggatcact ggcattgntt ataatcccag ccagtgggtt 420
 gaactgntcc antgtcaact gccatgtgct ctgcttcaag ggggaactag ccttttgnga 480
 attttttgcc ataagtattt gttacnaata ttttagcaaa tgctttctat tnccttagct 540
 tgtgcatatc ttggctgggc gttacagaan nnatagncta cccattatnt tncctaccgn 600
 ggaaatgaag ggntantncc ttccncttt tantccgggc cnntttttta ctttaattga 660
 nagggnggtt gggataaagg gaangngat gnangaagcn ttaannnacc tnaaatttct 720
 tgaaccccn caangncnn ngggttcntt ttaaccccn aannn 765

<210> 2879
 <211> 811
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(811)
 <223> n = A,T,C or G

<400> 2879
 cntgntnnnn nttcaancct ggnaancgcc tttctnnann agancggtnc gntttagaaa 60
 tagaactcct gtagatgtgt agaaagantg atggnaaaga gaaaggactg atgtccttct 120
 tttcattgaa aaagatattg tttaggctct acaatggctt aggtatggtt tgagactctg 180
 gggttacaaa gcaaagaaaa cctggcctct gccctgctca gagaacagca gggatacagc 240
 atgttagcaa ataagtatat agtgtggaag ggtctgtagt caatagcagt cattttgaca 300
 ataggaaaag gaatgtgtga aacttctggg tctgtgtgtg tgttgggggt ggtgggtcaa 360
 gggaggggat ccaaagatgg tttcactaag aagggaacac caccggacct gagacttgaa 420
 tgcaagtaga attttgccag gcagatgatc tgttcttcca ggtagataat ccactctggg 480
 cagacaaaac caggctgtag aagggaacac atgtgtggag caatagaaat atctcattgg 540
 tactggagta taatgcatgc caagaaacca ggcaaggtag acanggggcc acccgtgnaa 600
 ggaaacctct tgaaatangg ggaatggata ttcattacat tttccattgt ttaaggacca 660
 aattgggaan aaagtttnaa tantccaaga atgttaagga aaaagnttaa atgggaaggg 720
 gaagacaaa tttccaaggt ggnttccaag ccnaagggg attgacnca ttccttaan 780
 ttttgaaaa ggncngggg tntttgggaa a 811

<210> 2880
 <211> 771
 <212> DNA

taacatacaa	aattaccatg	cagatatggg	gggaaagtc	atgtccagaa	aaaacttggt	420
ttgcaaacct	tagaactatg	tcattgcagg	attatgtgtg	tgtgcccgtg	tgtgtgctca	480
caggctttga	agagttttat	gagtatccat	tatccaaaat	gcttggaaac	agaagtgttt	540
tggattttag	attttgaaat	atttgcatta	tacttaacaa	gttcaagttc	agcatncaaa	600
acccaaaaatg	ctccagttag	catttccttt	gagcatgtca	gtacgcacaaa	agtttcagat	660
tttggagcac	ttaagattta	ggatttggga	tatcagcctg	cataatcaaa	ccttcttcat	720
tcaggaatgt	aaaangaggt	ttaatatgag	cttan			755

<210> 2876
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (771)
 <223> n = A,T,C or G

<400> 2876						
agcgcgcgcg	ntgaaactgaa	atccccctttc	ngcaggagcc	catcgatncg	aattcggcac	60
gagatcacct	gatgtcagga	gttcgagacc	tttttggtca	gcaagggtgaa	accctgtctc	120
tactaaaaat	acaaaaatta	gccaggcgtg	gtggcgtgtg	cctgtagtcc	cagctacttg	180
gggaggctga	ggcaggagaa	tcacttgaac	ccggaggcag	aggttgcagt	gagctgagat	240
cttgccactg	cactccagcc	tgggtgacag	agcaagactc	catctcaaaa	aaaaaaaagaa	300
gatggaatta	gctgagtttc	atggctgctt	gggaggtttt	ttgcagacaa	agactccctc	360
tctcaccag	actggagtgc	agtggcgtga	ccctaactca	ctggagcctt	gaactcctgg	420
tctacggtga	tcctcctgct	tcagcctaag	tagctgttat	tggcatgagc	caactgcccc	480
ggctcacatg	gctgcttaaa	tggaaagagtt	agcagttgag	actgagaaac	atgaaggact	540
angtaagtat	ggggctccca	gatagagggc	agcccacaaa	cgagataagc	agaagctgcc	600
caaaggggga	aggaaagaca	gcccagacag	gggaatgtta	agaagaagac	tcaagccaac	660
tcaaggggtt	taataaaaaan	ggagcctaag	ctctctttaa	nncattcacc	caagccatat	720
gggatttcag	caaacttggc	cctgtcccaa	gggacctccc	ttttggcaag	g	771

<210> 2877
 <211> 778
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (778)
 <223> n = A,T,C or G

<400> 2877						
tnnnnttgac	ncnttncnag	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	60
ggcacgagct	gggagcgaga	cggtggcccc	gnccagcccc	atgggccaca	ccggctggtg	120
agacgagagg	atggggcagc	aggggaccgg	gacctgcggg	cagctgtggt	gatcaggacg	180
ctgaggagcc	aggaggcctg	cctggaggcg	gtgctacgtc	gactacaggg	acagtgtcgg	240
caggaaactgg	ccaggctggt	gggagccccg	cctggtctca	tctggatccc	gccacctgga	300
cgctgagggc	ctgtcgacgg	gccctcgtgt	gggaagcctg	ccctggccca	gctggctggg	360
gtcttgaggg	ancagattcc	aaggccaggt	ggccgcangg	acgatgcaga	tgcagagccc	420
acgtnacatg	ctcgtccag	gggtggggct	gggctgactc	tggccggatc	ccaagcctgt	480
ggctagcagc	actggggaca	ggaatggctg	gtcccttgag	gaggtcntga	caggctcaac	540
ctgntggtct	ggangggact	cggaaataaa	ttgtancagc	tttccttgcc	aaaaaaaaaa	600
anatnnannn	nnnnntnnnn	nnaaaaaaaa	aactcgagcc	tttaaaactn	ttngngaagt	660
cgtatttact	tngaattcca	aaacnttgat	taggatncct	ttgnnnnaat	tttggganca	720

tctangagat	ggnatgtntc	gncctntctc	naagagnaaa	ggcttgccgn	attccgggcc	60
aagatcgaga	ccntcctggc	taacacgggtg	aancncatc	tctactaaaa	atacaaaaaa	120
ttagctgggc	atagtggcag	gtgcctgtag	tcccagctac	tcgggaggct	gaggcaggag	180
aatggcgtga	accgcgggag	cggagcttgc	agtgagctga	aattgcaaca	ctgcactcca	240
gcctgggcga	cagagtgaga	ctccgtctca	aaataaaaaa	ataaaatggg	aatatcaata	300
gggcctatct	agtaggggtg	aagtatagct	ctaataagat	ggccataact	ggccccccag	360
cacataggaa	gccctcaaga	aataaaggct	agtggtaacc	tgacacagtga	tgggaggaca	420
ggggctatgc	agaaaaactt	ggagcaaaga	aacgagagca	aatatgggaa	aataacaatt	480
tgtgtggggg	tgaacatatg	gttgtttcatc	gtactgtttt	ttcaaatttt	ctgtatgggt	540
gaaaaaagtg	ataatttttt	gggggaaaaat	ctggcatgtt	cccctgcacc	tanggtatat	600
caaatgtat	tgacaaaatc	caaattaaaa	gccaaactca	aaaaaaaaaa	aaaaaaaaaa	660
aactcgagcc	ctnttaanaa	ctatttagtgg	agtccgtatt	tacngtagaa	tncnggacct	720
tggattaagg	atncatttgg	atgaagtttt	gggacaaanc	ccaactttg	n	771

<210> 2874

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 2874

agnngcggnn	nnnngnaaat	gccctnnatg	caggaaccca	ngcgatccgc	ctgggtggtag	60
ttaccacaac	acatgcctca	ttaagaaaca	ntttncatca	gaggggaatgc	ctgcctccct	120
gntaccagct	ctgcagatgt	gcacatatct	tccgtgcgta	agccaatggg	acttaaacct	180
tacctottgt	gttttggaga	ctatctttta	tttttttttt	tttgagagag	tgtctccctg	240
tggtgctcag	gctggagtgc	agtgggtgtga	tctcggtcca	ctgtaacctt	cacctactgg	300
gttcaagtaa	ctctcctgcc	tcagcctccc	gagtagcttg	gactacaggc	gtgcaccacc	360
acacctggct	aactttttgt	atttttagta	gagacggggg	tttgccatgt	tgccccgggt	420
gggtctgaac	tcctgacctt	aaatgagcct	cctgcctcag	cctcccaaac	tgctgggatt	480
acaggcgtgt	gccaccatgc	ctggctaata	tttatatttt	cagtagagag	gaggggtttgc	540
catgttggcc	aggetggnet	cgaactcctg	acctcaagtg	gtccaccac	cttggcctcc	600
tagagtgtctg	ggattacagg	gggtgagcca	ctnggcccg	gctcttttgc	tttcttaaaa	660
gactttgggtc	gggtatttgg	gntggatgga	gtattgngtc	tgggtgnggg	taattcgann	720
cctnnnttng	tnnngggggg	anag				744

<210> 2875

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 2875

tcaanannca	gctcttgttc	tttttgcagg	atcccatcga	ttcgtgaga	tcggccactg	60
cactccagcc	tgggtgacag	agtgagactc	cgtgtcaaaa	aaaaaagtcc	caaactgttt	120
ggctttatct	aggcagtaaa	tattctactt	cgggatgacc	tgtcatggag	ccagtaaggc	180
ctctacaaat	cacatcccaa	acaaatacaa	ctcagatgag	caaagtaagg	cccagatgaa	240
atgacatctc	gatctcttct	atggcagaaa	ctcagcaaga	cataatgaaa	caaagatagc	300
taaagttcat	tatttaaatgc	tctactccca	agagaattat	gggactttta	ggctactcac	360

<220>
 <221> misc_feature
 <222> (1)...(735)
 <223> n = A,T,C or G

<400> 2871

tggnagagta	nngnnnggta	cttgcctcttt	ntnnangtag	cccgtgccat	tccggagggc	60
actgccctcc	tggaagagat	gcattaggat	cggtttgcnc	agtaatacct	ttacatgann	120
ccatttngag	aatgatnacg	ggccaaagnt	aacgggtgna	ctgttangnc	ancatggact	180
nngagaangc	aagggtnang	gtgaccaggt	ctggcanagt	aannagcctt	ncgntnnaag	240
nngnacctgnn	ccngaccenc	agaggatngt	naccantnng	actgnaggaa	tganncnngt	300
nnggntgatn	tntctncatn	gannccataa	tctaatagcat	gattangaga	nccaaattngg	360
ctgctcntta	anngacatcc	canannctat	ctgatccata	tgcggnncat	nctngatanc	420
ttagtgctnn	taaacgncgt	gntcatacat	nnactnatgc	ttnggcnanc	cactcnnnngn	480
tgttangtna	cntatgtann	ncnngaengg	anacttctnc	tctgtgnagc	agtcatacaca	540
tctntacang	nnctangtn	antatngctn	tnaacncggg	ntgtagtga	tactggagca	600
tggtttctn	ntnacactgc	attgctgtca	catcttggct	gagcnnagta	atgtccgtcn	660
agncttaata	natcntngaa	tgntgggcna	tcgcctggag	ttccangatc	ntttggagtc	720
cgtnacttt	tatnt					735

<210> 2872
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 2872

agnangcgtg	tgaagtatcg	ccncctaana	agaaggcggg	cgattcggca	cgaggcccca	60
gggcatncgg	gggatccctg	tgatttttgt	gaggggtgagc	acccagggttc	cacagggctc	120
tgctcctggg	aggccagcag	atgcagtgat	tgcaaatcct	ccttgtncaa	atggaacagg	180
cacgtgcatt	tgtggcacac	tcagagctgc	tgccactag	tgngctttgg	agaatcagtt	240
gtctcccagg	cggggaangt	ccctcagaca	taaaatactc	acccatttag	aggaatgaca	300
acagcaaagg	aaactatatt	ctgctaattt	actggtaaga	gaggaaaaac	tctgtcatgc	360
atacacatga	cagaggctct	gcctaaagag	agaggcagca	cgatacagat	attagcaaat	420
gactactctc	cangaagaaa	cacaccagcc	aggaacggna	ctcacacctg	naatccagna	480
ctttcanagg	ccactccggt	aggatggctt	canaccatga	gtttgagact	agnctgngca	540
acctggcnga	cttcatctnt	accannaaat	gaaaccatgc	attccaacct	ncnannagat	600
cantnangag	acccacacct	gggagtnncc	agatatttca	aaggctnnngc	angaaggatc	660
tcttngggcc	aggaaaangg	aaggcttgca	attgaactat	gacccctacca	cttcactttc	720
agnccggggc	nnccaaancc	atgacccctn	nt			752

<210> 2873
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 2873

gntttccccc ttcccg

796

<210> 2869
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

<400> 2869

gacnnntgtg nangnncgtg gaaatgncct ttctnnanga nccccntgcg ntncgaattc	60
ggcacgagaa tacacacaac atataagaca tggcantttt ctgtttatgt tatcagggtt	120
aaggcttctg gtcaacagta agctatgagt agttaagttt ctgggggggac aaaaatttgg	180
ttgtcaactg atgggggggc ggtgttggca cccctaaccg gtgcactgtt gaaggggtcaa	240
ttgnaactgna tttatatatg ccancagctc tncaactgtg gtctgcagat ctcatgaggt	300
ctcctttcag gggaccacaca tgggcaaaac tatattcata ctactactaa agccatttgc	360
atthttccact gngttgatat ttgcctgatg ttgcaaaagc nntgggtgggt aaaactgccg	420
gtaccttagt gcaaactcgag tcaanggcac taaacgtata nttgccatta gatcctctct	480
tcancattct gtgctngcag ntnaaanntt aataagccng ttttacntan gaatgtcctt	540
aatgaagcaa ttgaaatgac taattttatt aaaatctnaa gccttgagta tatatctctt	600
tcaatattct atggaaataa ntggnaacta tncattaagc atttctgcat gcaaatatgg	660
nactgnnttg aagnaaanct ctgcgggtnn cnaattgcna accttgaact acccattgat	720
acttggtatg gcaggctncn ggacaacc	748

<210> 2870
 <211> 741
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(741)
 <223> n = A,T,C or G

<400> 2870

tttnnatgct ggttgtcgtt ctntctnnaa gatccnngcg ngncgaattc ggcacgagcc	60
cagaatgaac atgcagcccc cccaagtaat cctgtgatcc caggggtttca agatagactt	120
ttgagttttt cacagtctgt cttaactcag caagataact tgggacttca gaaacagttg	180
gatctacaaa gagaagttct gcattatagc cagaaagccc aggaaaaatt gcttgtacag	240
agacaaacag cattgcagca gcagatacag aaacatgaag agactttgaa ggatttcttt	300
aaagacagtc agataagtaa gcccacagtt gaaaatgatt taaaaaccca gaagatgggg	360
cagctcagag actgggttcc taatacacaa gacctagcag gaaatgatca agaaaatatt	420
aggcatgcag ataggaacaa ctctgatgat aatcatttgg cttcagaaga tactagtgcc	480
aagcaaagtg gtgagcatct ggagaaagat ctggggagaa gatcctcaa gcccctgtag	540
caaaagtcaa atgtgggttg gacttaaacc agcattgaac ttagtgctat acaagaagta	600
gagtcaccag caattggcag aacttctata ctaggtaaac caggatttta tgaagacaga	660
gacccctgc gagtcttaat taagcccag acaaagggtt ttttgggagc ccttggccat	720
ggatcccgtt angttgnctt n	741

<210> 2871
 <211> 735
 <212> DNA
 <213> Homo sapiens

catcttanag	ccccaggtat	atgctgagan	cttatctcac	gctgcctcca	ntgtctgggg	540
ggcccaaaat	gatggcacia	gggcangtgg	gcctgnaagg	ggccncaaaa	tgccctgngg	600
ttcaaaggga	aggggtggccc	accaatgggg	cccnanggtc	ttaaccccaa	ggaacccctt	660
tggntctnng	tnccttaaac	ccttggcann	tnacnggnaa	gnacctaata	ggngggnaact	720
ggncccangg	gccccnngtg	nacctttggg	ggggccaaaa	tnggggaaag	gccccccctg	780
aaaaaaaaan						790

<210> 2867

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 2867

nacnaagata	tccatnatnnc	tggtctnnccn	tttctgcang	atcccatcgn	tncantgcgg	60
cccagggtg	actgttggtc	atcttgccag	atcttntntg	atgtcttttg	cttcatcctg	120
ctgtgcatct	tgaggaaag	tagatgctct	tggtcatttg	agtaatccga	atcttggtat	180
ttccagtcaa	ctcagttgga	tttctgggat	gagaattaga	ggagtcccat	tgaaaaactg	240
gaatgagaga	tgagaagttt	gctgaaaaca	gaacattttt	ttgtgtgtgg	attgatttgc	300
ctcgtatacc	tgccctgtac	tttaaccaca	tctttgcagt	ttaaaataga	acacattatt	360
tcttcagatt	cacttatttt	gactacatca	gtaatgctct	tacaaggctg	catgacagat	420
ttatggtgac	atgcttttag	cagttcaaaa	tccttaaacc	tatattcagc	tccttttttc	480
ctagaaagta	agtcacttta	atcttcaatc	tttctttctt	tttaatcttt	taatgatttt	540
ttggggggaga	ggaatcttgg	cagtttagatt	cttcaagctt	ggctacaaat	gggttaaaat	600
ataagtgtgt	aaaatnttat	actttntcct	atctngantt	tgnetgctca	tttggnttct	660
tcccatgggc	tcaagtatac	aattnccaag	tttattgggg	ctgnntcaen	tgnttccatt	720
tctgcaggga	aaaggctgcn	ttncnnaatt	ggggttnggc	cn		762

<210> 2868

<211> 796

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(796)

<223> n = A,T,C or G

<400> 2868

ttgttctttt	tgaggatcc	catcgattcg	ccagagcgag	cacgcgtctg	gaggctgctg	60
tcgttggtgt	ctaccccgta	ctgacccaac	accacaaggg	ctttctctgg	tcctctgtcc	120
ctaagacaat	aatcgctttc	tgacaaagga	gcctgcacat	ttgggtgagc	agacccaagc	180
tgtttacagc	tctttcttgt	cctgccatcc	agtagcagtt	agtcttcac	cccacgtgaa	240
caaaatggga	aggagccgtg	aggagaggag	tgaggcaaca	ggcaccgaa	gtccctcgtc	300
cttccctctg	tgtgctctga	atatgtcctt	gtccttctct	acctctctct	gaccagctgg	360
gaacctgctt	gggggtcccc	tcaaacctgt	gnctgggggt	tgggctcaca	gatccctatc	420
agcctgggtc	gtgggganggc	tcttcctaaa	gggaccccca	tctctaagtc	actctgaaag	480
ggagtgtgtg	agaggagacg	ccctncaaac	tcttcagaag	tntntgagga	cttgaactgg	540
gtcactcggt	atctgngtnc	gaaatccttc	ccaacccttt	tcttttgggg	gagntttcct	600
taacctgct	ngcttgnaaa	ccaccaaang	gtttttgggn	ggcctntcct	ttttcttcna	660
ttttgggttt	aaaagggcaa	ntngtnccaa	aaaagcccat	ttcccnngaa	atgcccaaan	720
aaccanggg	ggccttaatt	ttnttaaggg	ggaaagggna	aggttcnggt	tttcccaatn	780

attgaataac	ataatttatg	tgaaaacact	taattatgaa	tgctgtaaaa	ctatcaaagc	180
cattaatatg	tgtnatagta	gcatcataca	ttttgcagca	taatccagag	aacaaggagt	240
tgtaacaag	ggagaggaag	ataatctggg	tggtctagta	ttatactctc	aggtgctact	300
gacttcttag	atgaccttca	agatgttagt	acaactctct	acttggagat	gctattttct	360
ggggatgtta	atatccactc	tattcacaaa	attttaagaa	aagtcaagta	gcatggatga	420
aactctccaa	agttctgctt	aaaactaaaa	tatcttagtt	gtcactgaag	ccacagatat	480
tttgtgaatg	cagcatgttc	ccaataggca	gtccctctta	gcctcacagt	ccaagctggc	540
aacaggatca	cattccaggg	aatgaacaga	aaggctggca	ggcaatcaca	ccgctgatat	600
cttangtggtg	tgggcccccc	atTTTTTTTT	tgagatggag	nctnactctg	ttgccccagc	660
tggagccttt	taaactatag	tgagtcgtat	tacgtanatc	cngacattgt	taggatncat	720
tggatgaagt	ttgggncaac	cacacttgga	atgcngncg			759

<210> 2865

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (765)

<223> n = A,T,C or G

<400> 2865

gnaatagcta	ggcnatnaga	tctcgttgca	ggatcncatc	tnnttgcagg	atcccatcna	60
ttgcgaantc	ngcacgaggg	acccccta	tttgtacatg	ttgatgatag	gaataagggc	120
ttcgtttatt	ttcactgcat	gctctctatg	gaaagaggat	gtgctaagca	aacaagcatt	180
gtaaacaata	tttcagaggg	aagggttttg	cctgctttta	aaaaataaaa	tgtttgcaag	240
tacaattaaa	aaccagtata	agggacaggg	gtgggatgaa	aacctgtctc	taagattacg	300
aagcctgcgt	tatttcccc	aaatcccc	cgaggaagat	ttgaatccct	catcaacaaa	360
ttttcattga	ttatgtttct	attatatata	ctgtagactc	tatattcacg	aatgtaatca	420
tactcattca	gaaaaatata	ggaagagaaa	atgagtatga	cctgtagcct	gaatttcatt	480
ataaaaagatt	taaaaatata	cattttatat	taaaattgat	gtaatctttt	aattatgaag	540
tctttgatcc	tttagatggt	ttcatccata	acccaagagc	aagatcttgg	catcagtttt	600
ttccangtta	tgtctatatc	atctattatt	acttaaaagt	ttggagttac	atataggata	660
tattgatatn	tagagagtta	taggatatat	gnnanttttt	ttcaattcca	gtcccccaac	720
ccgagcaaag	anccattttt	tatggaactt	aaaaaaaaaa	aaaan		765

<210> 2866

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (790)

<223> n = A,T,C or G

<400> 2866

ngtanganac	tnnacgggaa	atcccntntc	tnnangaanc	caatcgatgc	gaattcggca	60
cgagccccag	ccagccttca	gggtcccc	gtntttgtgt	agatgcagtc	tagcgggggg	120
ccggagaagg	gctcaggtgg	gaggggcctc	agcaggtcc	cagctcaggg	gctggcctgg	180
ggggaacctt	gggagccagg	ggctgactcc	agcaacactg	gcctgtctgc	ctgttctggg	240
agggctgtga	ggatgtcttg	cagatgctct	ggatttctgc	ggaggcacct	ccattccttt	300
ctggcttttt	ttgcggggga	gggctttggg	cctctttctt	tgagggaaca	ccgtcaaaga	360
aagcctggga	gatcgaggct	tcagtgaagg	aggatggaaa	cgctgtgccc	aagtgtccgg	420
acaggcggca	gaggcctnag	tgcgggcaaac	acagccccag	agcctgtgtg	gcaccagcag	480

<222> (1)...(750)

<223> n = A,T,C or G

<400> 2862

gaagcagctc	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	gagacattgt	60
gttgcatctt	ataacttgta	tagattgagc	tgattgaaat	aagattttgt	tccaagtatt	120
atctgataga	atacaagatg	attcaaaaatt	atatagatat	ttaaagcttt	tctgctgttt	180
ttttttttta	attgcaactg	cttttctgcc	gtgcctctct	tccctaccca	aaagtgatga	240
gttctgaaca	agacaagact	gtcatattgt	agagactttg	gtatgtgata	ccatagaata	300
ctgattggat	agccatccta	gtcacttacc	aatactgact	agaagttaac	tcttaattct	360
aagctatctt	aaaatgcata	tatatacttc	ttgcatggaa	gagcaaaaca	aattcaagtt	420
gtcatgcctg	ataatttcag	atgccaccgt	atagcaaagg	gtgaacatgt	tttcaaccct	480
ttactttttt	acggtgtttg	aagaccagct	actccttaat	atztatcaat	ggattaagaa	540
gtttaagatt	ttgcagattt	atcaatttgg	gtttttgtac	tgaagttgtc	ttgcggcttt	600
gcaagtgtcc	ctttatatatt	aaatttgaaa	gttgtaagcc	ctggatgtta	atgtgattga	660
tcagcatggg	catatgtaaa	atgncctttt	ctgggtggct	ctctatgcc	atggggctcag	720
atccttacac	ccntaattna	accagtnngt				750

<210> 2863

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 2863

gaaancagct	tnnnaaccnc	ttgcaggatc	cctcgattcg	aattcggcac	gagggatggg	60
tgccctggag	ccaggcaagg	caggaggccc	cagaaacttg	gtgggggaga	taacggaggg	120
gatggagcag	gaggaatcct	gaaaaccgga	ctgggagaga	tggggccgag	tggacgatgc	180
ccagtaccag	cgggcgtctg	agactgaaac	attaattctg	aagaagaaga	aactagacag	240
tcagacctcc	aggactaaga	tgaagtgagc	cgagaggana	tcgtatcata	agaatgcttc	300
tgtcgntagc	cgggtgcagt	gctgtgtgta	tctagttnca	gntacttgag	aggctgaggg	360
aggangattg	cttgagtcca	gaaagtggca	gttgcaagtga	gtggagatcg	cgccactgct	420
ctncagcctg	ngtggcanan	cgagaccctg	tctcaaaaana	taancaaaaa	caaaatgctt	480
ctgtcagtta	acaatcttta	ttaaaagggg	ttttagtctt	tctttctcaa	cttgtatggt	540
aanttggttg	acaaatgcna	attnacgtct	ttattatnct	ttctttctna	anaaaaaagc	600
cnnntnttgg	nanaanctcn	acctntgaac	tntgtgagtc	ttattacntn	natcctntcca	660
tgataagatc	cnttgatnat	ttggacaaa	ccacttgaat	gcnttgaaaa	aaangctttt	720
ttgggaaatt	tnngatccta	tc				742

<210> 2864

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 2864

gnntagctag	ctacnnaaac	tctttggcna	atcccantcg	attgcgnntt	cggcncgaga	60
actgaccta	gcctcagttt	ttcagatctg	tagtacttac	tttacatgat	tgctctttga	120

<211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 2860

ntttaactna	cnggctngga	naccnnttct	gcagnaagcn	nnncggngca	attcggcacg	60
agattctctt	agtgatgggc	tggaggaagt	ttttnaaagc	agaaatgaaa	gcttacatgg	120
aattagtc	caatatgctg	ttgactgcag	agctgtatct	tcagtgggtgt	gatgaagcta	180
cagtagggga	gatcactcat	gctagggtatg	gatctcctta	cccttggcct	ctgaatcata	240
ttttggccta	tcaaaaacag	tgggaagtca	aacgtaagat	gaaagctatt	ggatggggaa	300
agaagactct	ggaccaggtc	ttanaggatg	tagaccagtg	ctgtcaagct	ctctctcaaa	360
gactgggaac	acaaccgtat	ttcttcaata	agcagcctac	tgaacttgac	gcactgggtat	420
ttggccatct	atacaccatt	cttaccacac	aattgacaaa	tgatgaactt	tctgagaagg	480
tgaaaaacta	tagcaacctg	cttgctttct	gtaggagaat	tgaacagcac	tattttgaag	540
atcggtgtaa	aggcaggctg	tcataagagta	tgtgttaagt	ctcangagtc	ttaaacttng	600
gaaatatggg	tttacttnaa	tgttacatta	gatatngggg	gntacgaatt	tttanaacca	660
aattactggc	tttttgnaac	cttcaaaaata	ttataatggg	atcttaatgg	aatgngcctn	720
taanattggg	naatttgggg	tattacaatt	aaaaanaaaa	tnccg		765

<210> 2861
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 2861

gaancagctc	tntncttttt	gcaggatccc	tcgattcgaa	ttcgggcacga	gagttgctgt	60
cagtcttggt	gtggaaagga	gacgcatcta	tgacattgca	aatgtgctgg	agtcgctgca	120
tctggtcagc	cgggtggcta	agaatcagtc	tggctggcat	ggacggcaca	gcctgccnaa	180
aacctgagg	aacctccana	gactnggaga	ggagcagaaa	tatgangagc	anatggccta	240
cctncaacag	aaagagctgg	ncctgataga	ttataaatnt	gganaacgtn	gaanagatgg	300
tgatccagat	nccccangaac	aacagttact	gganntctct	gaacccgact	gnncctcttc	360
atctgcnaac	agtggaaaag	acnagtctnt	gagaattatn	agccagangt	ttgtcatget	420
gnncctcgnc	tncaaaaccn	agatngtcac	tctggatgtg	gctgccgaaa	tactgntcgn	480
agacngccaa	gatgccccag	accatagnan	atttaaagt	aagaatnttc	acctgcatna	540
ncttactagc	acataaaggg	tgggatttna	tgngtngata	ttntctgctt	ccgagattaa	600
aaatctntnt	antgnttgtt	gacntangca	tggaaagtgc	cnaaactcct	gcctttttaa	660
actntcnng	agnccatttc	cgtanattcn	cacntgatta	aganncaatg	gtgaagtttg	720
ggnaaaaccg	ccacttggat	gcaccggaaa	aanatnt			757

<210> 2862
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

ttncnaccan	tcacacnttt	ntttacannn	ntacttccan	nccccagnnc	tcttgtaaaa	720
gncccannnn	ancttcccta	nccctggant	ttttaccenc	nttnnctcat	ccacccctct	780
tttctcccc	cent					794

<210> 2858
 <211> 830
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1) ... (830)
 <223> n = A,T,C or G

<400> 2858						
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gcccntgcgn	ngtcgaattc	ggcccagagca	agcagaaatg	tgggtgggtgt	gactgggggtt	120
tgggtganggg	ctgctgnngc	tgggaatggag	ggctgccaca	ttaatggaaa	tggnaaatga	180
ggcacgtaag	gttngactgg	aggcatancg	cccatgttgc	cngctttatt	aaatcactct	240
tgcantatnc	anancatang	cctgatgnna	nnagtgaactg	tgtcttgac	tnntncaacn	300
tacagnggga	tgctnnaaga	atgngcactg	cananaggac	tngtntctata	ntaaccatat	360
gtatgcntnn	cgtaananna	tcgcnngctg	actatctcta	atnngngcgg	ggaacgtgat	420
cacattcncg	nncnnttaca	tggaggetcc	tctcccngan	gnntctaanc	tannagangn	480
ccatgagtat	gaaacantgn	ctnncaccac	ttnaacttac	ccnanntnnc	ccaatatctn	540
ttgntagct	ntngattctn	tgnnnagcct	tnactggacc	ctacttagac	anngcctttc	600
acacnctcan	naacgattcn	tgtagtaa	nctantaacg	cttcccccta	cacctnnnta	660
tgnatttatc	gcncctctat	tncttnnccn	ntcnngnnnn	tnantgaacn	ttacctcccc	720
tttnnaannnt	ccgcnnncct	tncaaccntt	nanttncaac	atttcnctna	tccttctcac	780
cggggcattt	tnntctnggg	ntccgggttn	gnttntactc	antgcnantn		830

<210> 2859
 <211> 759
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1) ... (759)
 <223> n = A,T,C or G

<400> 2859						
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cgantcggac	tgacagnngt	gccaacatgg	cattctgttt	ttgaaaagt	acatgacact	120
attaagtatt	gaaaatgttc	taactagaaa	aacgattttc	ttaatcatag	tttttattgt	180
ggggtgtgta	tgtaagtttt	aacgtgcaaa	ttaacatata	gaagtcactt	tgtgaggttt	240
catttaaagt	tatttctcag	atcttgctga	atctgtaata	gccattgaaa	tatttaagta	300
ccttggetgt	tcctggcatc	aataaacaga	tttttctttc	cctcctcatg	ccatacaaaa	360
gttgacaata	gctttatcac	cacaggaaga	aagctgacca	tcattgcctt	ttatttgggc	420
ccagttgcca	tggttacagc	ccttttagcta	aattgggaat	ggtaaccaa	ataacatttg	480
cataacatte	ccttggtctg	cccacctctt	tgcacatctt	caaatacaagg	ttttgggtctg	540
atcaccatac	tatgctgtag	cctactttta	ggaagtactt	taggctaaat	agatttgtn	600
catttatgct	aaatgctctc	ctggacacta	ccatactcag	catattcctg	gaaatctaac	660
gcaatnatnt	taccttttaa	aacaccgggn	ctccaacngg	nnnnntacct	ntnaccncn	720
ctgnncnna	tntnttnncc	tnctttatcn	antaaangc			759

<210> 2860

gccttctttc	aaataaaaaac	ttcattttct	ctgggcaa	acattgattt	aattttgtat	420
tattggtaaa	atattcatca	agtcacggc	agnctttaca	gagtacaaa	acataacttt	480
gccgattttt	tctgtttaag	ggccagctag	gttngttnaa	aaagaaaanc	ttnnagccac	540
caaaaagcct	atggcatttc	tttctcttat	gatctttaaa	actgggtcaa	gctcatcctg	600
tttngnagtn	atttaggtgt	gtccctcttt	gaaaatgggc	ccccataaca	ctttttta	660
nggataaaaag	nngagaacat	ggagtcanaa	tggagcaaaa	ntctgaatat	ttcacatggn	720
ctaaaccctt	tntttaaatc	aanggnnaan	nanaacaaag	ttgcnaaaaa	agcccaaaac	780
atnattt						787

<210> 2856

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 2856

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ggcngntegg	tctcgctttg	tgacgtagcc	tggctctgag	cgatcctttt	gccttggcct	120
tgccaaagtg	ctgggattgg	aggcatgagc	cactgcaccc	acccctgttt	tttatttaag	180
taaaccatta	taataactca	tttataaaaa	ggttacttca	agagggcttt	caacttaaga	240
attattttca	ttttgaacat	gaaaagttaa	atagtaacta	agaaactgag	aactctgaca	300
gtgacctcta	ataggtaact	ttaggcaaaa	gtagacaagt	ttgtgggtat	tttgntgttc	360
atgttaaaag	gcacctgtac	aagaatcaan	atatgaatct	agntcgtana	gggaaggctc	420
tatgcaaata	ccaaatcata	caagtgggta	cacatataat	agatcatttg	gtccantaaa	480
agtgggttca	gcttgctttat	tccctacttt	tgntatcnta	aaaacaatga	ttttttgcat	540
gtaatagaan	gctttcactt	aagatgctnt	tgagtgaatc	agtgaggggt	tcttanagtt	600
agtattcatt	aattnaacnt	anaatattan	ctaaacagtt	ttgggtcact	gcaatgcatg	660
gtctatngaa	anactanatg	tttcgnectga	aatatgcttc	aantgttgcn	actatncana	720
anggcctttt	atgttntnna	atttnaaacn	tgccanttnn	attnt		765

<210> 2857

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 2857

nagntttttt	tgggggggnc	tttcttttng	tngcgtggn	ctacttggtc	ttttngcagn	60
agcccatcgt	attcgaattc	ggcacgagat	tcaagatgag	atttgggtgg	ggacacagcc	120
aaaccctatc	ggttgccaac	atttacagta	acagtgttag	gtgaacagtt	gtccagtctc	180
ctgtttttgc	ggacactgtt	tctagcacct	tccaggcaga	atctcatgta	tccttcaact	240
tcgaaatggg	tactatttca	tcccactttt	tatcaatgag	aaactaaagc	tcgaagaggt	300
caagtaagtt	cctggccaag	gtcagctagc	aggctctaga	ggcctcgttc	tccttagagg	360
cagccttgcc	agggcccang	cttggcaggc	tgcanggcan	gtgcgggcat	gcccattggt	420
gaggtgggac	cattgaggct	cagagagggg	aagtgatgag	ccctggcgac	acagcggggg	480
gggtccagag	tccggcctgc	atcttctgga	gctggccagt	ggacaggcct	ttcccgttca	540
cagccccggg	gctgctgtgc	ccaccaaggc	ggatgtgcct	accgaatcnc	actcctctgn	600
gtgtgtccct	tttcaggccc	ctacatcatt	cganggaatg	gcnnccccc	acgacttccc	660

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annangcggn tcgaattcgg caccagcgtc tacatccagg cctccgagtg acggacctga 120
ggtgtctggt tcctgggcag gcctgatgct cctgtttggg tccagggccc ctggggggcag 180
accggtgata cttaccagtg gaagcgagcc atcgagccat tggcagaaat cctgctgaat 240
gtcattcaga aacctcagcc catggtcgcc ctctgtgcc cctctcctgc cggaaagccc 300
tgcaacattc tagggttggg ggcagggcca tccacggttt ctgggcagag ccatgggtggc 360
aggagagaga tggctgaagc ctgagcagcc cagagtcccg ctggtctagg ctggtggtcg 420
gggcccctgg gagaggagac agggcattcc tccccactct gtctncaggc tgcctctggg 480
tagcctctag tctgctgttc ttcaggaggc ctgccataaa ctcttcggag tttacgtgtt 540
gcaccttttc acagacgggt cccacagca tctcagaca gctctgtgat gtagctttta 600
ggaggcactc aggtgtcacg gctagactgc agctatgaga cagatctggc ttcaaatacca 660
anagttgcca tgcacttgct gtgtgacctt gggcaagtca cttcactttt tcttgagccc 720
ccgtgttctt tcatctgtac aatgggggct tacgatactt actan 765

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<210> 2854

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (785)

<223> n = A,T,C or G

<400> 2854

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tnctcaccta acacaacnng gctgnngcga attcggcacg agaggatggt gctgctgtgg 120
gccgcaaggg tcttggttagc ttcctctagg gcaggcttgt gttcctgatt ggggttgagg 180
tggttggggg catcccctgt ggcctcagca atccagccct gcncatctgg gtcccattac 240
acagacgtag acattgaggt ctanttngaa ngacttgccn ngagtccgtt aatagagctt 300
ggcacttggg tctcttgact ctcanngact ggggtgtgagg gaantgggct ccttttgctc 360
cctacctgca gtgccttga ggggatgagg gtcttccatc atagttcnga anatgacctg 420
cacattttac tgccttanaa atctgctcgt tggggccagg tgtggtggct cagcctgtta 480
atcccagcac tttgggaggc cgnngtgggc acntcaccag gtcangagac ngnnaccatn 540
ccggcttacn gggtgaaacc ccatctctct aaaaatacaa caaaaattan cctgccatgg 600
ngnnggggtg ctgcactccc actnctcng aangetnang ccggnannaa tngcntgaac 660
ccnngaggcg gnntcttgca ntnaccccat aannnecccc ccngnactcc anccctnnga 720
ncacanaaan agacttcnc ctnnnaanaa nacanctaat ccnaacncc anccctctna 780
ancnt 785

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<210> 2855

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (787)

<223> n = A,T,C or G

<400> 2855

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tcgnncttnc tcnnannagc ntggcggnng cgctttggga tcttttagatg aatgggtatca 120
tacagatgtg tattattgct aattctttgt tctcaatcac ttgttttcaa ggacactaaa 180
atccatgtag cccctaaaaa agataaataa gggcaagtca cttttcttcc tccagtcaca 240
gactaaagaa attatttcag ataatatata gcccttcagc catgggagca ggaagtgttt 300
actgctcaag tcagggtctc agttggtaaa ataaacggaa acttctggtt tagttttngg 360

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<223> n = A,T,C or G

<400> 2851

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ancntnnn	cgntgtgaattc	ggcacgaggg	gtgacttcc	gtgacctcca	aaggaagtct	120
cagctctgct	agaatgggac	caaagcccag	ctccaccttg	aacttgngtc	atagccttgc	180
ttcttgttcc	ctctncttan	ccgggcanat	gccttgteet	ttgataaagg	cttnctgtca	240
ccttctgagg	gctcttgtgc	tttttgcagg	tggatgccat	tacctttacc	gctgagcctn	300
ccgcaattgc	tntgttcaca	cgctgtccgc	catctgcctg	caagggccca	ngcagggtnt	360
tactcatcat	tatgtcattg	nttnaataga	agcctaatat	nttgatcata	gtagtcagga	420
agcccagaaa	attgggtatg	ttctatagat	ttaccaccat	tgcttattgc	tgtntcnctt	480
taataaagnt	taacgaaagt	naancaaaacc	acantacccc	caaagacag	nnnngggaaa	540
cacactngng	gaaagcccca	ncatggcccn	ccttcnanc	cccttttang	gnactcttng	600
nnatcaacc	gggntaccgc	tcnccactt	gntgcccna	cccactccag	nnntnttnc	660
aaannacaac	cnttntntc	ccttggggga	aaaatgnntn	nttgggggtnc	cncngntncn	720
aaaaaggccn	naatgggttn	tcttaacctt	ntttnncnca	tacnantecc	cacnacnttn	780
accccaata	antcannca	cntctaanc	ncannnnncn	aaagcccttt	ctncanctac	840
ttntnct						847

<210> 2852

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (765)

<223> n = A,T,C or G

<400> 2852

cngttncnna	aacngtctgn	ggaaaagccc	cctttntgca	ngatcccatg	cgattcggcc	60
tcatttccca	ctgagcaggt	gccatcccag	gagatgcttt	tggtggcgag	accttcccct	120
cctgtgcagt	ctgtgtcccc	tgctgtgccc	acacctccct	cgatgtctgc	tgccctgcct	180
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attaatgaac	tgtgacagga	agcccaaggc	agtgttcctc	accaataact	ncagagaagt	300
cagttggaga	aaatgaagaa	aaaggctggc	tgaaaatcac	tataaccatc	agttactggg	360
ttcagttgac	aaaatatata	atggattact	gntgtcantg	tncatgccta	cagatnatte	420
atttngtatt	tntgaataaa	aaacatttgt	acattcctga	tactgggtac	aagagccatg	480
taccagtgt	ctgctttcaa	cttaaatcac	tgaggcattt	ttactactat	tctgtcaaaa	540
tcangatttt	agtgtctgcc	accaccagat	gagaagttaa	gcagcctttc	tgtggagagt	600
gagaataatt	gtgtacaaa	caagaagaaa	gtatnccatt	tatgtgacaa	cctttntggg	660
aataaaaaat	ttggtttaaa	agttaaanaa	anaaacaaaa	aaaaaaaaact	tcnancctn	720
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<210> 2853

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (765)

<223> n = A,T,C or G

<400> 2853

tttnnaaggg	gnntaagtg	gtcttctttc	aannggccgg	gtctcgtttc	ntccgnanca	60
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<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 2849

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gctgggtgaga	ttgcagcctg	ctgcctcccc	tccatcagcc	acagctattg	gatttccccac	180
ccagaatctt	taggtaaatg	agatcatgat	tctggaagga	gggtggtgtaa	tgaatctcaa	240
ccccggcaac	aacctccttc	accagccgcc	agcctggaca	gacagctact	ccacgtgcaa	300
tgtttccagt	gggttttttg	gaggccagtg	gcatgaaatt	catcctcagt	actggacca	360
gtaccaggtg	tgggagtggc	tccagcacct	cctggacacc	aaccagctgg	atgccaattg	420
tatccctttc	caagagttcg	acatcaacgg	cgagcacctc	tgcagcatga	gtttgcagga	480
gttcacccgg	gcggnaggga	cggcgngca	gctcctctac	agcaacttgc	agcatctgaa	540
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tgaanaaact	gagccttnca	tcatgaacac	ctggaaagac	tagaactatt	tatatgacac	660
caactatggt	agcasantag	canagtnacc	nnatttgann	aaggagcatg	acnccctnct	720
gatttcnaaa	tcangtgatg	naagcntgng	aagtgann			758

<210> 2850

<211> 829

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(829)

<223> n = A,T,C or G

<400> 2850

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cnctcccctc	catgtatatg	gatganggga	gcagcacaag	ncacactccc	accatcctca	180
cnnaattcct	ggacccatgc	gggtggctccg	tgagctgggt	gactccagcc	tnacctgcac	240
accccaaccc	tgcncggggc	cnttcttcct	accancatgc	cctcggttag	ctaggaattn	300
agatccctgc	ntgtgaanna	nggaactnat	gtgcacagaa	tccncagggn	tgccatatcc	360
ttnggcatga	tttagatnaa	gtcgccctgn	ntncagantg	accccgnggc	tctncagnga	420
gttntcaage	cccangaaat	cggccttgga	tgctctcntt	acaagacagn	ntnacnctg	480
ggccctcgtg	catnnncttc	actgnccccc	tggtatcccn	cattaccccc	aaangacagn	540
gggnaaacac	annngnnan	cacancnttg	nccctccag	cncnnttcac	nggcanccttc	600
ttnnattcac	cccgnttccc	nccnnnacct	ntcccccca	ancnnnnaca	ancntnntcc	660
ccaactacan	gccccctttt	ccttgggngn	aaaatgctcc	nttggtancc	cagttataaa	720
aangcentnc	ngcccccttc	ancntgatcc	tcccgcatnc	ncanaccctt	anncccaann	780
attnaannac	cccaatcccc	cnnanaaacc	ctcctttcca	ncttnnnct		829

<210> 2851

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(847)

ctaan

905

<210> 2847
 <211> 774
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1) ... (774)
 <223> n = A,T,C or G

<400> 2847
 tggnttttna ggngtgggnt tctttttttac taatggctgg gctacttggt cttttngcag 60
 gcatcccatc gnttcgatct gaaccacatg aagttgagta aaaaaagcaa ttgcagaag 120
 gatacataca aaatgacacc atttatatag tagactgaaa gcatgcagaa caatccattg 180
 ttgtttacgt gtgtaacagt cataggaatg acaaccactg ccttcagaat tatggcgacc 240
 tctgcgatgg aagagaatgg gatcagagaa ggatacacia taggctttaa ctgattttgt 300
 gattattgat attagaaatg tttaaaatta agatattaac atttcatgaa gctgagtggg 360
 gagcacacca gtgttatatt ctctctatat aacttttgtgt atatttgaaa tgttttctca 420
 taaaaagtat ttaagcaagt ttaggaaaga atattgataa atgaaattgg tagagaacca 480
 tgaaattaca tagatgcaga tgcagaaagc agccttttga agtttatata atgttttcac 540
 ccttcataac agctaactgta tcactttttc ttatttttga tttataataa gatagggtgn 600
 gtttataaaa tcaaactgtg gcatacatte ttctatacaa acttgaaatt aaactgagtt 660
 ttacatttct ctcttttnana aaanannntn ttaccnttnt nnnnannnnt ntcnncccc 720
 tncnntntcc nctntcnctn cnnttctnnn annanctct tncctcncet tnnn 774

<210> 2848
 <211> 806
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1) ... (806)
 <223> n = A,T,C or G

<400> 2848
 ggtttttcnn naggccgggt tttcctcnng nctctnctg ccccnagnanc nccctctcgc 60
 cgaannagct nggcgggtgg cgattttatt gccctatttc ctccatgtac ggagacatta 120
 cnttttntgc ccagtcagat ttttttcatt ctatctttta gtcagattta atttaattgtg 180
 tattttctagt ttattgcttc tgccatgttt tattctttat gaagatcccc gagtattgag 240
 tgtgccagtt accagattct ctcccagctc taaattacct ctccattact tgatctgcaa 300
 tattggagcc taacccttta ggccaggggt gtccaatgtc ttggcttccc tggggccacat 360
 tgaaagaatt gncttgggcc aatgtggact ctatatggta taaaggagta tgtaaactgt 420
 ggagagaagt anggctattt tctacagcag tggctctcaa attttnnaat ngggtagcctt 480
 accagaaaac atttgaatan aaaacctcaa tatnagtatg tcctaattat aaatcatatg 540
 tataaatata tatactatnt cggcttatat agngntttca agtctgctta tgatgtaatt 600
 atatgttnca gaacaatttn aatatactct ttttccngnt cnccttcaan cgggtcaatcc 660
 cnttgnacng gnnaccnact tnccttcata nnnnctnnct taaccagtga aagntnnang 720
 nctnnnnaaa aacctcttct ccnaanataa ncntngccct cnttnccca ttncantcgg 780
 cnaaacnann cnnnattgnc cccnnc 806

<210> 2849
 <211> 758
 <212> DNA

gaatnccttg	aaccenaagt	tttcaacttn	aaaagaaatt	cctttggggn	anngaaannc	720
ntatatcacn	ctnntatnac	aaaaaaaaacnt	tccnaaancc	ncttttttan	aaaacctttt	780
ttccctngnn	aggtocccna	atttttaacc	ntangnaatt	ccccntaacc	tttgntattt	840
aagnattncc	catttnggna	tcaanntttc	tgnggaaccn	aantcccccc	ct	892

<210> 2845

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 2845

gnnnnnnnn	ntgncnnnn	nggggggntt	tnnttttttc	aaanggcgtg	gaactcgttc	60
tnctcgcaac	agcccnegcn	ntcgcttctt	ctcaactctc	tgattgctta	tataagtgc	120
gtcttctgaa	ggaaagtcca	gcattttttc	tcagatatga	taataatata	tgctaagatc	180
ttggccaggc	acgggtggctc	acacctgtaa	ttccagcact	ttgggaagcc	aagggtgggcg	240
gatcacttga	gggtcaagagt	ttgctgcctt	caaatcaatc	attacttctt	agcacctctt	300
gaaatagaaa	ataaaaaaatt	tgccagggcg	gtggccaggc	gcagtggctc	atgcctgtaa	360
tctcagcact	ttgggaggct	gaggtgggaa	gatctcttga	gccagaggat	ttgagaccag	420
actgggcaac	acaggagagac	ctcatctcta	caaaaaagaa	aaaaaaaaaat	taattagcca	480
gggtgtggccc	catttgtaca	aaaaaaaaaatt	ttttttaatt	agctgggcat	ggcatgtac	540
acatgtggtc	ccagctacta	gggaggctaa	gggtgggagga	acgcttganc	ctgggatgtc	600
aaggctgcgg	tgaggtgtga	ttgcaccact	gcactccagc	ccagcaacag	agaaagaccc	660
tgtctcaaaa	aggaaaaann	annnaaaaaa	actcgagcct	ctagaacttt	agtgagtcgn	720
attacgtana	tccagacatg	atangatcat	tgatgagttt	tggaacanc		768

<210> 2846

<211> 905

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(905)

<223> n = A,T,C or G

<400> 2846

ttggggntnt	taggtgtggg	ntttnccttt	ttcnaatngc	cngggntctc	gttctttctc	60
gnagnagcnn	ngcgnttcgc	tcaccaagga	acacaaataa	acagttgatg	aatccatcac	120
atcagtgatg	aatccagaat	gtgtccatca	ttttcgtaag	tcttagtatg	cagagaatct	180
cagatagcaa	agcagaaagg	atgatgtcac	agacgccttg	ggtagccagc	acctggatgc	240
agctgtttgt	acacacatac	tttctgatat	tatgttgaca	gtgacttaca	ccacttcaac	300
ctcaggcagg	attctatcag	tttctttact	acagattgat	ttgtttcttt	aataatnatt	360
gtaattactg	tcagtaaaaa	tctgagtctg	actcagcaat	tagttgctgg	taactgagtg	420
tgttgtaatg	ctgggggaaag	gatataaaac	tngtattttg	aacagaaagg	cncacatgtg	480
gggtgagcagt	gtttaccacc	acagaatttc	cgtcttcaca	naatnganat	anctgcacat	540
gaangtatag	tnagcantgn	angttntttt	nnanaaagta	aaagttaa	tacctntnat	600
aagcctnctg	gatttnncng	nnnttngtte	tnnatttctt	cctntgcenc	cttcaaattn	660
naantttana	nggtntnctt	nttctnctca	atatctctcc	ccnacanntn	tngttnntgc	720
nctgannccn	natctcttcc	ntcnnnceng	atgggtgatg	nncnnggcna	ttntctcnac	780
ccattnttat	cttatctntc	nnatcntttn	atnntcntnt	ncctcatngg	naacnnttac	840
acnttnnang	nttntngggc	catnntctnt	gttcatntgt	ggggntctna	gnatcttttt	900

cctgaagaga	cttttaacnt	antnaccaca	gctattnatn	atgcggtng	caacaaacca	480
gcaacnatch	acaagcgtca	taaagaagtt	cagactntga	acaattggng	aaaggtnat	540
tncagaaccc	gnctgcaaaa	aagccatcan	ncaccataan	taaaaaagaa	ccncangaac	600
anggggaaac	ccngtgggaa	naaaggaagt	anaanntngc	cacctcangt	tnaaccatta	660
aaaaccctng	gaaaanntgg	ccannaggga	aaccctttaa	aangcaaaaag	nnccctngcn	720
aaaaaaancc	ccggggaatt	taancccaan	gggncccaaa	ggntnanntg	gggccnnaan	780
nggggnaaaa	aaangggggc	nnggaaaccc	ccaggnnnaa	ntncnaaagg	ggaaaaagna	840
aaaannangg	ggggncnnnn	naaaaaaaaa	ann			873

<210> 2843

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 2843

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gctggncgaa	ttcggcacga	gaaatggggg	gtgttcttca	tagtggattt	ctttttttaa	120
acataccatc	tttgtgtata	tacatttctc	tggaaatgtt	tgtgaaaagg	taaagataac	180
ttccttagtg	taattgtgtt	gaagtgggaat	gtttctagt	tttgtgaaga	tatcaattgc	240
tggctgatat	tttaagctgg	atgaaaaatg	tgggtgaagt	aatcttaaag	ggtgatagat	300
ttgatatgag	aaattttaaag	taatgtgctc	agtgcgtagt	ggtgataaaa	gaatgtagcc	360
tacttgtttt	ccatagacta	tatttcatca	ttgttgcata	aagtcccttt	tggccaattt	420
agtgaatgct	gctgggtcct	caggaaagaa	aatcgtttgt	ctttaaccag	agaaataatt	480
gtggggatag	aaagtagtct	ttttcttgat	gataaaaatt	cattttanct	ttttaaatta	540
cagtggtaat	agcttgtagt	aatagnngta	atatccttgg	tttttggtta	atgattttta	600
ntgtgctccc	nettaatntt	ntnncgaatt	atcttnanng	tgaccaaacc	cntntatnnn	660
acntngcctt	naacaaatcc	ncncttnant	netctncncc	nnaaanncn	nncanctccc	720
ncctnccncc	ccnnntcncc	tnacncaccc	cccnccnccn	tctcnctcen	ccccccc	777

<210> 2844

<211> 892

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(892)

<223> n = A,T,C or G

<400> 2844

tntagggcct	tnnnnanng	ggtntttctt	ntccantann	ccgtgtgggc	tcgtttcttc	60
tcnnannanc	nanncttgct	gctgggctca	ggcaatncac	ctgccttggc	ctccaaagt	120
ccgggattgc	aggcataagc	cactgtaccc	ggccccaact	aatttttgta	ttttttgtag	180
agatgggggt	tcaccatgtc	ggtcaggctt	gtcttgaact	cctgagctga	agcaatccac	240
ccgccttacc	ctcccaaagg	tgctcagatt	acaggcttga	ggcactgtgc	ctggccatgg	300
gtgccatnta	tctaaagagt	gatgaacttg	gtgttaaacc	agtaattgaa	atcaccaaaa	360
ttcctaccat	catgagctca	gtctanntgg	angagacaga	tgaaccaatt	angcanntct	420
gntgaatttt	ggggttcanc	agtgccana	ggtgggggtg	agtgaagagg	aatgccanaa	480
ttttggagag	gtggagcaca	cgaccacgg	gtactttctg	aggatgtaac	ncanaagtcg	540
tgatcagaaa	gganganagg	ganacanntg	gggaaantnn	ctgggaaana	ncngtcnatt	600
ccaggcagtc	agcttgctnn	ancncttgg	gccttncttt	nanaacnccc	tttgcccttg	660

tactgcaaag	acagcctggt	gaaattgttn	tnagtagaca	ggctttaatg	ggttctttga	120
ggtcaggtag	aggttatggg	gggagcacta	cagttagcat	ataccacaaa	tgaagccaga	180
cttccaaagt	acgttctcac	tggagaggga	gcttaatggt	aaagtttaaa	ctttaagggt	240
ttaggtttta	gattaaggcc	caggagatcc	aaggggaang	aggagggtag	gaaatcanan	300
ataagaggag	ctgttgcat	cgcaggata	gtataatta	anatagtta	aactttcata	360
ggattttgca	tttatttcat	cagntttttt	ttctagattc	ttaaatctgc	atatactaa	420
atcttataaa	tttggggaaa	tgtacacatt	tacatggtac	atttcaactc	atcttanagn	480
ntggctnttc	ttgtgaaata	gaattaaata	tatgtgagta	aatcaagacc	cctaaccatc	540
attaatgtat	tatttggtta	tttctggcca	aggcccttct	tgattctttt	aaagtgtgct	600
aagccatttt	tcttcattac	atccctctta	ttttttgtgg	ccaaattnac	taaaatntan	660
gtatcttttg	gtggantttc	anatttttga	aacctacctt	gtttttgaaa	tncatctttt	720
aaaaacctnt	tttccaaaa					739

<210> 2841

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(767)

<223> n = A,T,C or G

<400> 2841

agnttttnaa	tcctttggcc	antcgcncct	tntgcangat	cccatcgatt	cgaattcggc	60
acgagaaaaa	gtnaagcttt	tcatgagcac	anntnccttg	cattgttnga	tgttactgat	120
attcgtaaaa	tgaatatattt	ctgttttggt	ctgttnnatt	tttttgagac	aagtcttgct	180
ttgttgccca	ggctggagtg	caatggcatg	atcttggtct	actgnaaccc	ctgccttgcg	240
agttcaagtg	attcttctgc	ctnagnctcc	tgagtagctg	ggattacagg	cgctcaccac	300
cacacccagc	taatttctgt	cttttnagtn	gacacagggt	tttaccatgn	tgccaggct	360
gggtctcaaac	tnctgacctg	aaactnctca	caccngtnat	ctcagcactt	tgaggaggctg	420
angtggaag	gatcacttga	agccatgagt	ttgagaccag	cctgngcnac	acagcngaga	480
cccngtgnt	gtacaaaagc	ttncnacatt	tanctggctg	aggagtnnct	caccntaac	540
ttccancnan	tcnnttaagc	nnanncatnt	tgaacacntg	agcccannta	nggtcgatgc	600
tnntagtnaa	ccgtgactgg	accacttaca	gtccaagccc	gggtngcctt	ataaaagaan	660
cggaaaacat	ttcnttaatt	cgggttnnag	cnttanctat	ttcggaatnc	cttgngtttt	720
naaaaaacttg	aatctccaan	aaacagggtt	ttttcttttg	gnccann		767

<210> 2842

<211> 873

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(873)

<223> n = A,T,C or G

<400> 2842

cgtacggaac	tgancgggaa	atccctcnct	gcaagcagcc	cangcgacgc	gaattcggca	60
cgagacctaa	tttttgagaa	cagcaagccc	tntttgacca	ctctcttcag	cctgtgtggt	120
ccggctgttt	tgaagtaatc	aatgctgtg	catggtattt	tacctgagct	gcaacctgnt	180
atggacntga	acntcnggat	aagntgaaag	caagagtccc	tgagtataaa	ggaaaaacag	240
canaacaaaa	agcaaacnag	ggncaaccgc	gaaagnctaa	aaagncccan	tggtgangcc	300
cnntaaaaana	anctagcttn	cagctgtcag	gagctaatac	tctctgnagg	aattgganat	360
gggatnaggg	cgaacaanan	agggtgtaaa	cngtggagct	ggcatgagta	ctgcangcaa	420

<221> misc_feature
 <222> (1)...(719)
 <223> n = A,T,C or G

<400> 2838

gtngnggnag	ngatcgtgan	ccctctncc	ttngnccagg	cancccatcg	attcgcaaag	60
atctaatagag	tcacaggatg	ggggangttt	ttgggaaagg	tcnggattag	cagagttgcg	120
gcagaaagaa	gtagagggga	atatcttana	aggcacttgg	acagaatggg	ggtgatataa	180
aagatgtatg	ctgacattnt	ggttttggcn	cctagaaaat	ntagcanaaa	gngagaatnn	240
gtgccatata	tcngntctg	caccctaata	tggaantttg	ncnttccaca	cnagnnttcc	300
tncacaatta	acctntaagg	catttnatgc	cnntgcctcc	acancnngga	anagtacgac	360
aaacntccta	nangactaga	naaaatngcc	cnnttcagan	acattancag	tacgtgtggn	420
tagaactaaa	atggctcnca	ggctcatact	ggnagtgan	aggnatgcag	anaaaaanga	480
aaacccccc	gtgtcantga	ctgtgaacag	gcctantnca	gangcnctta	ttgngcaatn	540
gcccttaaga	nattgcccc	anganncacc	tgannacccc	cgggaattgc	cggaaaagaa	600
tacngatgag	gagctnacgc	ttatgngaag	atgnatnaac	cctatgttca	gtgtaaagg	660
ggntacaatn	cnccaaanag	cgnanctcaa	gaacnagcct	tcccgnnagg	cnatcccaa	719

<210> 2839
 <211> 786
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 2839

cngaangntg	tgatgnatgt	agnegttccc	naggaancca	ngcgattcgg	nttggcgaat	60
tcggcagcag	cccagggtgc	tatccacttg	ctagnatttn	ntcatgagag	ttagatacca	120
gttttctgct	ggaaatacag	aacatttcct	gaaaccgtgt	ggttgagggtg	aaacaggcat	180
tttgagctct	tatatattga	gtaaggccaa	acctgcctag	tggtataaaa	ctagacaaaa	240
aacccaggta	cccgggtcctg	caggatagaa	atgtgtgact	aaaatgaagc	atcgatctga	300
gaagactaca	aattagcggg	aacctttgga	caggagcatg	ctatacatta	cttagattaa	360
tgttgatatt	taaggagcca	ngatnttgat	nngtntttga	ggggtgccca	tntacttcat	420
ataagaggct	ataaactgna	cttctttcag	ttantgetta	atccnagctc	aaacaagaaa	480
taattgctta	ttccaaagta	gacattggna	catctttttc	taggnacgta	atctgngatg	540
aagtctgata	aagctcctta	agaaattctt	atagtacacc	ctcacaagan	tgtattcatc	600
taccogtggt	ttaaaccnga	aaattaaaaa	ttntaaccct	cgngggagaa	aattttacca	660
agtnnttaat	gggttttcagg	ncccttaatt	aaaaaaactt	tttaaccctt	ggccttggaa	720
ccctttaaac	cttaattnat	nggatctnaa	aaacaaatgg	gntttnttgn	nngaaaagtc	780
nnanct						786

<210> 2840
 <211> 739
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(739)
 <223> n = A,T,C or G

<400> 2840

tttttgngtg	tgtggtcgcc	ctcnccctann	ntgcaggatc	ccatcgattc	gctggaaggt	60
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<210> 2836
<211> 752
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(752)
<223> n = A,T,C or G

<400> 2836
gnnnnnnnnan gggggggtttc antctnnctg cagccggtttt cgttcctttnn gcagatccca 60
tcgattcgaa ttcggcacga gaccaaagct gctggagcct gaggcagaga accagaggcc 120
ggaggcagac tgccctcttta cagccaggaa tctcagagga tttgaaaaag gtgaaggaca 180
ggatgggcat tgacagtagt gataaagtgg acttcttcat cctcctggac aacgtggctg 240
ccgagcaggc acacaacctc ccaagctgcc ccattgctgaa gagatttgca cggatgatcg 300
aacagagagc tgtggacaca tcttgttaca tactgnccaa ggaagacagg gaaagtcttc 360
agatggcanc aggccattc ctccacatcc tanagagcaa cctgctgaaa gccatggact 420
ctgccactgn ccccgacaag atcagaaaagc tgtatctcta tgcggctcat gatgtgacct 480
tcataccgct cttaatgacc ctgggggattt ttgaccacaa atggccaccg tttgctgttg 540
acctgaccat ggaactttac cagcacctgg aatctangga gtgggtttgtg caactctatt 600
accacnggaa ggagcangtg cccagagggt gccctgatgg gctcttgccn ctggacatgt 660
tcttgaatgc catgtcagtt tataccttaa gccagaaaa ataccctgca ctctgctttc 720
aaactcaggt ganngaaatt ggaaaatnaa na 752

<210> 2837
<211> 745
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(745)
<223> n = A,T,C or G

<400> 2837
cnaatcgntg ogaattcggc acgagcctga acctgcccatt ggagacagtt gtnttgaggg 60
ttgccacaca cagtgagggc ggagcagggc ggctgagggc acaggtgcct ggggtctgtcc 120
cacggggcan ggctttgggg ctgtgatgct ctgggaagcc agcttgggtc ctgggtctac 180
agagggccct ggccccggag cccagccagc tctgcctctc tcagggcctg gagtccctggg 240
ggagctcagc cagctctgcc tttctcaggg cctggagtc tggatgaatc ctgcagggtt 300
ttgggttgca ccggccagg gaggaagccn ngggtttgtc angtgggctc tcttggaggt 360
cctcnagtgg cangggtgac gaggggatta tntgangcat ctgganatgt atatcctgtg 420
gnntnccctg cccctctgnt tccgatgaag tgtaccgatg aatgaccttg actaaaannt 480
nagtttgcca cananaaaaa angggaggnt tantgggntt cnaaatcaa gnaatggtn 540
caacctnggc cttcgagaa tggaaantac naaanacggg gnaagatcct catgnccatt 600
tcccatggnn ttggncaggn ttttggaggn attctnnggn cccggcaaaag gccccatttn 660
aaanttnatc tagncnggna ccnggnctat tncngnctaa gggnnnttgcn cttntccttn 720
aacncatnga atcccttaaa tnan 745

<210> 2838
<211> 719
<212> DNA
<213> Homo sapiens

<220>

<210> 2834
 <211> 1090
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1090)
 <223> n = A,T,C or G

<400> 2834

tggttnttng	gggggnnttt	ngntcgancg	ctntnngcct	ngtccngnecg	cngganccca	60
tcattecgga	aatatacttc	cttaaagat	ggncattcct	aatccatct	aggaatgttg	120
gatgtatcta	tctatctatn	tatctatcta	tctactgnat	taagcccnt	ctcaaatng	180
tagggtcaga	agtatggacn	gataattcat	aatcaagttc	ttnttcttta	tgcccagaag	240
tctgnatnct	gencagactt	gentaccct	agctgcgcta	aagntcanaa	gnnttgagcn	300
gccactgaag	tattgactgt	ggagaggcgg	tgtatnccctg	ttnccaatga	ngngcctttc	360
tgtccaggat	nagccttate	ggnanttnen	cnaggaagtt	gcatngcntt	cagtccattt	420
nnggcttana	gccncncggc	nnncacgtg	ttccttattt	gttttgacgg	agnggtcttc	480
nngtcnatn	tctttacnct	gattctgctn	tttcatcnan	gtgnnccttc	ctcannntta	540
ttnagtccaa	aggngaatan	cngggttann	ctatnnnggc	nannatcttn	ntnttctngn	600
aatccncttg	ggntctaata	ccnttgctt	caccnancct	ttttaacccc	tcttactctc	660
tccnttaana	atanacctcn	ttntatctcc	ncttnnnacn	ttataanttt	ngnattgggn	720
cnanngggga	atthttncana	ctagtcctan	tgatnntctc	tccgtcctta	ntctntnttt	780
atncacant	acncgtagn	tnnaanana	accntctcng	ggngnggccc	cttctttnan	840
aganaaccct	ntatntnagt	tnggaangng	ncccgctat	ntttatcccg	gttangnnaa	900
ttccccccang	gcaccctctg	ggaatttaan	gggatncccc	caatttnngn	gatctggaaa	960
gtnttttngg	ggggcaccct	aanacncnna	cacnaannct	tntgggaaaa	ttggcccan	1020
tgnaaaaaaa	aaaaaaaaan	gggcctctnt	naaattttng	gnnggaaaaa	nttttnggn	1080
gtanctcct						1090

<210> 2835
 <211> 807
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(807)
 <223> n = A,T,C or G

<400> 2835

tggttnntn	nanttegetn	actnaanac	gntccantnn	ctctgtntac	gcnaagcaan	60
cnggcnggnc	taattcggca	cgcagatttc	agcctgggca	acatagttag	actcntgttn	120
ntaaaaaaaa	aaaatcccac	aatcctatca	cacagagatg	gcaacactta	gcatttggtc	180
tggtcacctt	tggaaggaa	ttttanatca	atgtcttgct	tctctgtggg	ttcttttgtg	240
actcacacct	gcttctgggt	atagtatgac	tataaagttg	atthcttggg	taaggcatga	300
tctatgagag	gaagctnnta	attngatgan	catcanggta	atnntagctg	ggataccttt	360
tctttgcctt	ctccaatcaa	acntgagaag	ttgaaaatnn	aaaattatgc	ttttgaaggc	420
nttgntgtna	acctaaaata	taactcaagt	gatctgtagt	tnccatagtg	tgactgtca	480
acagctatth	gcttttcaaa	tccaaactan	tttcatnaaa	gaaaaccant	ttggagtgtg	540
ttcagcttat	aattngnaag	ctagacatga	aagnnttnaa	aagcctntnt	agcctagacn	600
acntggcccn	catnttttng	tnanntctng	cnttntggga	acttgnnena	tgctaacccc	660
antaccnccc	atcttgcnnc	ctctnttaa	antgcctttt	gaaagngggc	aaaaacnngn	720
tagnaccnnn	tancctntca	aaaggttgnn	nngttntctg	caaatggaa	gcccnggcct	780
tttaangggg	cggncctttc	ctttnc				807

antaanttca	tnngggccccc	naagctntaa	agnaaaaant	aaagtgtctt	tctcattttt	660
aaaaaanngc	aacctttgcc	tgttcaaaat	atgtccaatn	cgaanccccc	naaaatgttt	720
aaaaangcnn	tctntgggct	cnaaatggng	gttcaanggt	nennccctgac	ctgncnnttc	780
tgcncaann	catntccnt	cct				803

<210> 2832

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 2832

tnngnggggtt	tnngggggcctt	tcnaaatggn	gtcancgctg	gctntcngca	agatcccatc	60
gattcgaatt	cggcacgaga	gaaagcctta	cgtgtgtgct	gagtgtggga	aggccttttag	120
caacagggtcc	aatttgaata	aacatcagac	aacacacact	ggagacaaac	cctacaagtg	180
tggcatctgt	gggaaaggct	tcgttcagaa	atcagtgttc	agtgttcac	agagcagcca	240
cgcttgagag	aaacagtgtg	agaaaacccc	cctgaggggtt	gggtctgatt	gtacactgtt	300
gcacgcatgc	agcagaaaaa	tatgtatatt	attgtaaata	gaaatgacca	catcagaatg	360
tcacacatgg	ctgttctgga	gagggcctct	gagaaggcac	tgaatgaggc	gagggaccct	420
tcctacattg	tcaccatccc	cagtaaacct	tggttcatta	ttcatactga	caaggaaccg	480
agtcaatttg	gtgaatagga	aaagccttct	catgaaaact	acaatagaat	actgttacca	540
aattcttcat	angaaagatc	atattatggg	aatgataatc	ctgttactgt	ggattaggta	600
tagtgccaac	agtttgaatg	gtaagacaac	ataatatata	tgatagtgat	gaaaaanaaa	660
aaaaaaaaac	tcgagcctnt	agaactatag	tgagtcgtat	tcctanatcc	agacttgata	720
ggatccattg	ttnanttngg	caaaccncca	cttga			755

<210> 2833

<211> 883

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(883)

<223> n = A,T,C or G

<400> 2833

nngtggnttt	ngtgggcttt	cnaattccnn	taatcgctng	ctntccgcaa	catcccatcg	60
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ctttggctgg	gctacaaatt	aaatggacat	aaaatagatt	aacaggagaa	aaaacacagn	180
aattatgtgt	atatgcctgg	gagtcccaca	aaatatgaga	ctcaaaagaa	gggtccgaag	240
agggaagctt	atatagcccc	ctgagccaca	gaaaggaata	gggacctggg	gcttctggtg	300
gggtggtggag	acaagttatg	gaagagtggg	gggaggaagt	gtagggtgag	taaatgtggt	360
cttgttatgc	ccataaaaatc	tcttggtaca	tcacagntgc	ctggagcanc	cncagtcctg	420
atagagatac	tttactaatg	tagattttct	tgatggatat	catttgtgtt	tacaaanggg	480
cagcttttna	nagccactcc	tgtgtctgca	attttctcag	nataaccag	cccccaata	540
ttgacaaggt	nttagtttgg	ggtgngnaat	atnccctggc	ttccctacca	ngttngcnat	600
ttttnggggg	gttgggtaat	ttgctncccc	gaagncccc	caaaccacc	angnaaanaa	660
aggggaaggg	ggccaanntn	nnggggaaaa	tttttaaagg	naaatttttt	ccagggnattn	720
aaaaggccat	ttcctcnaat	tttttgggna	aanggggaanc	caagctnngc	angggnaang	780
gccttgggaa	cccaannant	nagnaaaaag	gtnnaaacct	ggcattttng	ggaaaaanaa	840
gncaagtttt	tggaaaaaaa	cccnnttgta	ncaanngttt	tnt		883

ttaaataagc	cattgagtta	aagtgggtang	aaatttaaagg	tagaaaaatag	aagaataggg	420
tgggcttggg	ggcttatgcc	tctaattcca	gcactttggg	aggccaaggt	ggaggatgac	480
ttgaggccag	gagttcaaga	ccancttggg	caatatgggtg	aaaatncatc	tttactgaaa	540
ataccaaaaa	nattagatgg	gcatngtggc	ctgtgcctgt	aatcccagct	actacagaag	600
cttgatgccc	cagtattctt	tgaaccttgg	angttgaagt	tgcantgaac	ccaagatgcc	660
cactgnactg	ganctgggca	atgaagtngn	accctgnctc	aaaagaaaaa	aatnttaaac	720
aactn						725

<210> 2830

<211> 841

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(841)

<223> n = A,T,C or G

<400> 2830

ctntngggcc	cntagnnggg	gctttcnata	nggcgggctg	gtngttctnt	ccgnacgatc	60
ccnncgntgt	cgcagngttt	tgagcagagc	aagtgcact	atcagtactt	aagcattaaa	120
agaattgtcc	aatgaatggc	tgtgctgaaa	atatatnnga	ggtaaagtaa	gctagaggca	180
ggggtattga	aatcaggcta	agagatgttt	gtggtttgaa	ttaagtggta	gcaggagggtg	240
ttaagaatta	gtcacattgt	gtatgtattt	tgaaggtaga	accaacagga	tttccaggca	300
agatagagtg	tgatgtgaaa	aagaaagaaa	ggagtcagta	gtgactcang	agtttgtctg	360
agcatccgaa	gtgtggaatt	tcatcacatc	ctganagggtg	aaagaggctg	tangaggagc	420
aatatgtggg	aaagatcaga	agttcagttt	nggacatgcc	aaatattact	tggccaaatg	480
gttnggggtg	atgatnnggc	gatcntgagt	catccctnat	aaaatcggca	tgcanatngc	540
ntttaaaaaa	ctccagactg	gntganatcc	caagttgttc	gattgnaann	acngngnnct	600
cntttgnnan	tgetccnccn	tttaaagcca	cttttgggga	aaccnacca	agggacantg	660
naccatnncc	nnattccctt	gggnnaaccc	ccncnaaagt	aaattanacg	cnaggccntc	720
nttccanccn	ntcaaaatnc	tttntctna	cntccancac	nctttttant	caaaaatttn	780
nctctccent	atanccnnnn	ctnggcnnct	tttncncanc	tttnggnnan	ctntnccncc	840
t						841

<210> 2831

<211> 803

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(803)

<223> n = A,T,C or G

<400> 2831

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ctaaacanaa	aggctggggc	gaattcggca	cgagattaaa	gttgaagcct	ntctaatttt	120
tgaaggttga	gcactttggg	tattcatggg	tttatatgac	gatcatcttt	tatccatcgc	180
tgcagttatc	tattttgact	tgaattggag	gcagagctcc	accacccag	tgtgtcgtct	240
gatttcccag	actanagtcc	agcctttcct	gtgcttgcc	ggcttccctc	catgtngctt	300
cctacccac	catctatacc	cttcacatcc	aaaatccaaa	acctcacact	catacagaaa	360
tccctgntag	ggtcggnta	tatttacaca	ctaaaaatct	ctaattttga	atttgttgtg	420
cctataaagg	aataccanga	ataccttaaa	gttataattg	attnattagc	atctatttta	480
ngtcatnctt	gggggantga	tggaaagaat	ccacatagac	tccaganaga	tggncnangn	540
gtttacctgc	ccagccttga	aacatttctt	ctttctcac	annggatggg	ctctcccata	600

gtnnnnntttt	gaanccttgc	nnttnccctt	atgcggatcc	catcgattcg	tgggttgact	60
cgctacatca	gctcagactt	ggctgtgggt	ntncccttgt	gaattgttgt	ttccacatgt	120
gtgttgcttc	atttttggct	ctccgttgtc	cccatcacct	tcccgtctca	ccatagggtt	180
tagggatattt	tgctgtgtgt	tcaaatagaa	catgaaagaa	gcctttttaa	agtatttctg	240
tgcctattca	cagtccccta	aattttatta	cagtttttac	gttggtttta	agagtatttt	300
ggtttgattt	atatggaaaa	cttctttttt	aacattatag	taacatagat	ttttaaaaaa	360
tgaaattcta	ggaaacaaat	attatagact	agttagatgg	caaggagaac	aggagtttta	420
gaactaactt	ttaatctcca	taggtactag	ttgtctggac	tagctgagtc	atttcatctc	480
agtaataactt	ggtagtgctg	tgaatagcag	atcttgcacg	cacagaacac	agcccagtac	540
ctgcatgtga	caggcacttt	attttctggg	aaagtttaagt	acagttgacc	cttgaacaat	600
gtgggggtta	ggggaaccaa	ccttccacac	agtaaaaaat	ctgggggtgaa	cttttgactt	660
cccaaactta	acttctaaca	gcctactggg	tactggaagc	cttgctgatn	acngaaacag	720
tcaattatc						729

<210> 2828

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (775)

<223> n = A,T,C or G

<400> 2828

ggttttntgg	nnggggggtt	tcaacncngg	ctcttgttct	ttttgcagga	cccatcgatt	60
cgaattoggc	acgagcatca	gtatgcttat	ggatttgatg	acaggcatag	cctggggcata	120
tcacctcatt	ggtaaagggc	tagagccttt	cttttttatg	gcacttcttt	ttttgagata	180
gggtcttact	ctgtcaccct	ggctagagta	cactgggtaca	atcacggctc	aatgtaggct	240
taacctcctg	ggctcagggt	tatgtcacta	tgcccggcta	ctttttgtat	tttttggtag	300
agacggcttc	gccacgttgc	ccaggctgca	agcgatatgc	ctaggctcaa	gcgatctgcc	360
cacctcaact	tccggaagtg	ctgagattac	aggtgtgagc	cactgcaccc	agcctttgct	420
ttatttttta	ttttttgaga	ggtatgattc	tttctagaga	ttttttctca	tggctactat	480
tagatcagga	atgggtgatt	ggagattatt	agattctagg	ttaaacttcta	ccactttacc	540
ctaatacata	aaactttttc	ctaaatnaat	gatggaagga	atnaannnna	ncnnccnct	600
nnccnctant	acaaaaancnc	tagcccttan	aaentttngn	nagctnnntt	nnccnnttn	660
tccentnntc	nncccccnnc	ctnnttntnc	cnnnctnnct	cnanccccac	nanttnctnt	720
ntnnnctnen	naatanattn	cncnctnnnc	tctcannnnn	ctnntcnnnn	ctcnn	775

<210> 2829

<211> 725

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (725)

<223> n = A,T,C or G

<400> 2829

tcttttatnn	gangttngga	agcncaggag	netcnntcgt	tccgacaaat	cacttaagga	60
gaaagtagaa	aaaaagctgt	atttttcaaa	gaggtattct	aatcggcaag	acaatgacca	120
accattacga	ccaaccatta	tgagaatata	gcttagggac	gtttgtgctc	agctcctctt	180
ttaccaaatg	tcaatgcctg	cctcagtgtg	ttttcttctg	gaggagagtt	ttgtggatgc	240
catctttccg	ttacggaaaa	ccantggagg	aatgggcagt	ttnttgccat	gaccaccat	300
catttaaaca	antggngttt	gagttcagaa	ataagctcat	atatacttga	attccatggg	360

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 2825

ggttctatag	ctggctcttg	ttctttntgc	aggatccctc	gattcgaatt	cggcacgagc	60
ctgtgtccag	cgtcctcggg	tcaggggaaa	tgttttgggtg	ttcatgagta	gtatgtcccc	120
cagtgcacca	ttgtgtgggc	gtcctcatgg	ggatatccatt	cttctaggaa	gatcctgggg	180
ctgtttccag	ttcgaagcca	ttattaataa	agctgcaagg	aagaaatatt	tttatggatg	240
tgtgttttta	tatctctgat	aaatatattc	aactggaatc	attgggtgta	ttgggccatt	300
ctcccattgc	caaaaagaaa	tacctggcca	ggcgagtggtg	ctcacacctg	caatctcagc	360
acttgggtgg	ctgangcagg	tggttcacct	gaggtcanga	gttngagacc	atcctgacca	420
acatggcaaa	accccatctc	tactaaaaat	acnaaaattg	gctgggcccgt	gggtgtcagg	480
tgctgttaat	cccagctact	tggaagactg	angcaggaga	ctcgcttgaa	cccaggagggt	540
ggangttgca	ntgagccgag	atagcaccat	tgactgcan	cctgggcaac	aagagccaaa	600
actcttgttt	gaaaagaatt	caaaaggaat	accttgagcc	tggtgagccc	aagaatgnac	660
tactgnactt	ccagcctggg	gtgacaanag	tgagactgtc	tcaaaaaaaaa	aanaagggga	720
ttttttaaaa	aaaagccctt	ttgaacn				747

<210> 2826
 <211> 728
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(728)
 <223> n = A,T,C or G

<400> 2826

gggtttaaga	tcagctcttg	ttctttttgc	aggatccctc	gattcgactc	aaagacacgt	60
acatgttgtc	cagcacccgc	tcctccaaaa	tcttgccggc	cattgcctta	aaggaaggtt	120
ttcattttga	ggaaacatta	actggcttta	agtggatggg	aaacagagcc	aaacagctaa	180
tagaccaggg	gaaaactggt	ttatttgcac	ttgaagaagc	tattggatac	atgtgctgcc	240
cttttgttct	ggacaaagat	ggagtcagtg	ccgctgtcat	aagtgcagag	ttggctagct	300
tcctagcaac	caagaatttg	tctttgtctc	agcaactaaa	ggccatttat	gtggagtatg	360
gctaccatat	tactaaagct	tcctatttta	tctgccatga	tcaagaaacc	attaagaaat	420
tatttgaaaa	cctcagaaac	tacgatggaa	aaaataatta	tccaaaagct	tgtggcaaat	480
ttgaaatttc	tgccattagg	gaccttaca	ctggctatga	tgatagccaa	cctgataaaa	540
aagctgtnct	tcccactagt	aaaagcagcc	aaatgatcac	cttcaccttt	gctaattgga	600
gcgtngncac	catgcgcacc	antgggacag	agcccaaaat	caagtactat	gcagagctct	660
gtgccccacc	tggggaacag	tgatcctgac	agctgaagaa	ggactggatg	actggcantg	720
cttttigna						728

<210> 2827
 <211> 729
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(729)
 <223> n = A,T,C or G

<400> 2827

caaatccngt ttgcctatn

739

<210> 2823
<211> 730
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(730)
<223> n = A,T,C or G

<400> 2823
ggttnaatag nagctcttgt tctttntgca ggatcccatc gattcgaatt cggcacgagg 60
atgtcctgct ataccacatc cactgccttg ccccttaagc ctcacatctt tcatctctcc 120
tagttccaac ccatggtctc cagacgatga ctctgcctcc ctgttctggt agcattcaca 180
gattgccttg ttttagtagcc ttccacatga gatccacttg acagcccttg tcttcacccc 240
tcttcaaact cctcaccaca ctgaaactct tccagctcca tgagtagggt cttgggtggt 300
ttcttcacct gcagggttcag gtcaatgctc agccggggac tgcacagggg tgctttgagc 360
gtctctggag tgctcttctg gcagtccttc ctctgtggta ctctgccttg gaactctcac 420
tgctctggcc tccccaaagt cttaaacttg tctctcaac tcagaaagtc ctctgggctc 480
tgtctgggct ccccttccct gtatgtggaa ttaaactctc ctgcangcag gaagtggggg 540
caatcctagg gctcactttg ttatcttccc atctctcagg gatcactgtc ctgatgtcta 600
ttgncctgga aaccgntgtt tcattttttt tctngnnntg gtttaaacad tattttttca 660
ngtgggangg taaatcagct ttgntactnc atcttggtcg gaaattcata accnaagggt 720
aactgtttta 730

<210> 2824
<211> 739
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(739)
<223> n = A,T,C or G

<400> 2824
ggtttatatg nngctcttgt tctttntgca ggatcccatc gattcgcgcc gcccactcgc 60
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gaggagagca gattagngcc attggaaggg gcatatgtgt gttgctgggt atttccctgg 180
aggatacgca gaaggaactg gaacacatgg tccgaaagat tctaaacctg cgtgtatttg 240
angatgagag tgggaagcac tggtcgaaga gtgtgatgga caaacagtac gagattctgn 300
gtgtcagcca gtttaccttc cagtgtgtcc tgaagggaaa caagcctgat ttccacctag 360
caatgcccac ggagcangca gagggcttct acaacagctt cctggagcag ctgcgtaaaa 420
catacaggcc ggagcttctc aaagatggca agtttggggc ctacatgcat gtgcacattc 480
agaatgatgg gcctgtgacc atagagctgg aatcgccagc tcccggcact gctacctctg 540
acccaaagca gctgtcaaag ctcgaaaaac agcagcagag gaaagaaaag accagagcta 600
agggaccttc tgaatcaagc aagggaaga aacacttccc gaaaaggaag accgcaatgc 660
cagcaacggg gctnaaggcg acgttgtnt tttgaacggg aaccgtaact naaganggaa 720
naattantnt gttattaat 739

<210> 2825
<211> 747
<212> DNA
<213> Homo sapiens

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acttttttaga tccagcacca aaggcaggat ccaggaaaga aataattgat aagctggact 420
tcattaaaac gaaaacttct gctctgtgaa agatgctgcc aaaaaatgaa aagacaagcc 480
acagactggg agaaaatatt tttgatggaa atatctgaga agagaggctt ggtatccaaa 540
atatacaaag aattttctaaa actcaataat ttgaaaataa acaacccaat ttaaaaagtg 600
ggccaaagat cttaaattgac gcctcaccaa agaagatncn cagatggcaa ataagcatat 660
gaaaagatgc tncgggctgg cacngtggnt acgcccgtaa tcccacactt tgggatgcc 720
aggcagn 727

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<210> 2821

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (733)

<223> n = A,T,C or G

<400> 2821

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ctcctataga ctattgagtt gagtactgtt attagatcca ttttacaat gaggaacta 180
tgagagagatt aagtaatttg cccaagatcc cataataaga aggcaagtgt cgaatgccag 240
gcattctaac ttcagagtcc atagtcttaa ccttgtgtgt attctcttcc acaatacac 300
ccagcaggta aaagactgag aaaaataaat atcaaaaagt accttttgaa attgactaca 360
tgaagttacg aaaacctgag ttgttttgtg aaagcgggtg gtacaaagca gtattttgga 420
gaggggtgtg cagggaaatcg gagatgaagc tgtgtgctga aaaggagaga agaaattaga 480
ggaagggaat ggtggcctta cagagaaaca gacttgaagt gatgtgaagt gtttgcgctg 540
ggtgaatgct ggcaggaata agtgagcagg gagcagtgta acaggataag agagatcact 600
tcggagtaaa gccttgaaaa gggagtgtag gaggaagttt ttctcccttt nctgcaccc 660
tcctttgngc gtaaaaataga aatgtcttcc ttctgaagga ttcaaagaga atgttggctt 720
ttcttttcatt ctc 733

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<210> 2822

<211> 739

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (739)

<223> n = A,T,C or G

<400> 2822

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cgcattttta atncagctct tgttctttnt gcaggatccc atcgattcga attcggcacg 60
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cttctgtnaa gtgagacggg cgatcttgtc tgcctctcta gaggatggct gcagggtgca 180
aatggggtag ttaggtggga nggcatttca caaagttaaa aaatatgact ttggaggctt 240
gttatattga tgaggattat aatccctgag aattcctggg atgaaaaagg gaaagaaga 300
taatttgtga aagaaataag tgtccagtta ctagtctttg aaaagggtca gtctgtagct 360
cttcttaatg agaataggca gctttcagtt gctcagggtc agatttcctt agtgggtgat 420
ctaatacag gaaanattgt ggttccttcc agtctcttcc tgggggaatn gagccactt 480
ctcatttcat ttaattagat gaaatagaac tcaaagtaca atttactgtt gtttnacaat 540
gccacaaaga catggttggg agctatnctt tgatntgtgt aaaatgctgc tttgtgtgct 600
cataatggtt ccaaaaattg ggtgctngct aaagagaaga tactgttaca gaagccaccn 660
ngaagacctc tgttcattca cccccccgg ggtatcagga attggcttcn agnggtgtgc 720

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ggnttttnatc agctcttggt ctttntgctg atccctcgat tcgaattcgg caccgaggcct      60
tttgtgggggt ctcatacata actcagtttc cacaaagctg tgccccagct cagccctatg      120
gatagaagca tgggtctgggg ttcccttgct gaccagggtg tgtgctttgt ccaagttact      180
gaccttccca aacctcatca atgcacataa aaagagcact tgcaacaat gaatctagac      240
atggaccttc acaaagaaat aactcaaaat ggatcccagg cctaaatgaa aaatgaaaaa      300
ctataaaaact cctagaagat aacataaaaag aagatctaga tgacctaggg tttggcaatg      360
acttttttaga tccagcacca aaggcaggat ccaggaaaga aataattgat aagctggact      420
tcattaaaac gaaaacttct gctctgtgaa agatgctgcc aaaaaatgaa aagacaagcc      480
acagactggg agaaaatatt tttgatggaa atatctgaga agagaggctt ggtatccaaa      540
atatacaaag aatttctaaa actcaataat ttgaaaataa acaacccaat ttaaaaagtg      600
ggccaaagat cttaaatagac gcctcaccaa agaagatncn cagatggcaa ataagcatat      660
gaaaagatgc tncgggctgg cacngtggn tccacactt tgggatgcca      720
aggcagn                                           727

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<210> 2819

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (730)

<223> n = A,T,C or G

<400> 2819

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gtnnnnnnnnn nnaaatgctt ggnnnnttcc ngaccntct ttcgaattcg gcacgagggtg      60
agatacctgc cctactttg ccttcttcca tgattggaag cttcctgagg ccaccccaga      120
gtcagaagcc gctatgcttc ctggacagct tgcagaacca gtattcactg actgctgaaa      180
ctagagcatc actgagaagc aagagataga ctgacctaac tagagggaga gctgccatcc      240
aggatgatgc caccatcaca ggagggtgaga aggaacacag catcttctgc aaatgctaca      300
gtaaataggg acggggtgca gcaatgtgag gaaagtggaa tgaacttgga ctttgaaggc      360
aaactaacct ggaatcaaat actggctctg ctgtttgcaa gtgtgatctt tgggtatgct      420
tcctaactcg tgagcttcaa cttcctctc tgtaaaccaa gatcaaagac aaacagggaa      480
acctacttgt ctggtgcccc tccccttggtc agaacactcc tctgaaggat gacagtttgg      540
ctgtgccagg gcagantcgn cgacacaaaa tgagccttca tagcaactat ctgatgagga      600
actcactggc ctacctttcc ttgacagctn gggcctgcc ccttgaagca tgacttcaca      660
acgnccctac ccaanggcac ggangttgct gctgatgagc aactggttat atttaatcca      720
ggttctgctn                                           730

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<210> 2820

<211> 727

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (727)

<223> n = A,T,C or G

<400> 2820

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ggnttttnatc agctcttggt ctttntgctg atccctcgat tcgaattcgg caccgaggcct      60
tttgtgggggt ctcatacata actcagtttc cacaaagctg tgccccagct cagccctatg      120
gatagaagca tgggtctgggg ttcccttgct gaccagggtg tgtgctttgt ccaagttact      180
gaccttccca aacctcatca atgcacataa aaagagcact tgcaacaat gaatctagac      240
atggaccttc acaaagaaat aactcaaaat ggatcccagg cctaaatgaa aaatgaaaaa      300
ctataaaaact cctagaagat aacataaaaag aagatctaga tgacctaggg tttggcaatg      360

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<220>
 <221> misc_feature
 <222> (1)...(739)
 <223> n = A,T,C or G

<400> 2816

gnnntnttaa	tacntnaggc	tcttggttctt	tttgcaggat	cccatcgatt	cgctctagca	60
tgtgccataa	attacagtga	cctttaaaat	ctcgcttggt	cactgctgaa	tgggtgagaa	120
taggcttggt	tccagttttt	aaggtcacac	tgctctaatt	tgcaatgcat	cacaccatgt	180
actaagttgg	taacaaccgc	ttagaggaaa	gctttcgta	tgcaagggag	aacatcaaaa	240
agggcactta	tcccaaata	atgcagcaat	ttaaaccaaa	gatgtttacg	cagggcaaga	300
acaaagtaag	gcaggagttt	ggggtcaact	aggctgatgt	ctttgaacac	ccatgagctc	360
actggaaggt	ctgaatatct	ggtggccgat	gggctcgggg	tgtctcgtca	ttgcttagaa	420
gcgaaaatta	aatgctgagt	tatgtgggtg	aaaatatgta	tgtttgcaat	tacacatgga	480
atgtaaacca	aagatacaat	tctaagcccc	ctaaccacta	aatggatccc	tncctcagc	540
caagggcatt	ccaaagttaa	cctgaaacac	tagttcangc	tgtgatggaa	atgagtgggt	600
gggacatgcc	ttcatggaag	gaattcagac	acaactgaac	agcatgaaca	ttcaaacngg	660
agaccttaag	tctacaaaac	cagactcttt	gtagccatta	agatgcttga	tatgacagaa	720
aggccctgaa	agcaatana					739

<210> 2817
 <211> 730
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(730)
 <223> n = A,T,C or G

<400> 2817

gtnttttttn	tatccctttc	nanttgctct	ttttgcagga	tcccatcgat	tcgaattcgg	60
cacgagagta	aattcagtgt	ttctgttgcc	gaagagtgtt	tattggttct	ttcactttca	120
tttcataggg	ccctttcttc	tactggcatt	ctcactttga	attactaaga	agttttctct	180
aatatccctc	tatctccttt	ttctttctag	ttttagataa	agctgtcaaa	agaacagtta	240
tcatagaaat	agaaacattt	aaattaccgg	cacgatagct	tatttcttgc	tgcaaccatt	300
cagaatatct	atgtgtcact	gccttgggtg	ctttgaagtg	aaactgtgct	tagatataaa	360
aagtttaaaa	ctcactttga	ttacatgtta	agctcacagt	ttttacactg	cagttcctga	420
attagtttcc	atcaaaactg	tatgactagg	ccacatgtga	tggtcctatg	ctgtaatccc	480
agcacttttg	gaggccaagg	cgggcggatc	acctgaggtc	aggagtgtga	gaccagcctg	540
gccaacatgg	tgaaaccctg	tctctactaa	aaatagaaaa	attagctgga	tgtgggtggg	600
cgtgcatgta	gtcccagctc	ttggggangc	cagcaggaga	atcacttgaa	cccgaaangt	660
ggangctgca	ntgagccaag	aatgcgccac	ggnactntac	ctgggtgact	ncatctcaaa	720
aaaaaaaaaa						730

<210> 2818
 <211> 727
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(727)
 <223> n = A,T,C or G

<400> 2818

cccgaancan gttggcattc cttagtnagg aaaccgtgtn ccttgaagct cttcnangga
gaagtctngc cacctgcttn ccangg

720
746

<210> 2814
<211> 729
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(729)
<223> n = A,T,C or G

<400> 2814
ggnnnttnaaa tncagctact tggttcttttt gcaggatccc atcgattcgg gagaccaggt 60
gggagccact cacagaaatc agtaacatga aaaccacagc cacaaaacca ccactgtcac 120
tcaacgcccc tcatcacggg caggacagtt ctacatcatc tccctccggc ctgaggcttc 180
ccaggcagtg tgggaagggg ggctgcatct cctggctggg gttcacacct aagtttcctg 240
aggccaagc tgacctggaa agtttctagt gagtggcaca tcctgtccca acaaggggaa 300
cacgggcagg atgtgcctgc accctgggaa aagtgttgct tccgcacacg gggaagaagt 360
tgtctggggg acagaggagt tccaggtagc aaacacaggg tacagggcaa gggttggaag 420
aggctggcag ctggatgtga gacagccagg tgggaagggg tccccaggcc cctccagccg 480
gctgtgcac tgggaggggt gcacactggg gtggagccca cagaggtttg tgccatttgc 540
ggcggggaga acctgccctc ctcttcctgg gtggaattca atctgtgagg cangaagccc 600
atggcaggaa acacactatc ttgctttgct ganggtctct atttcccttt ttttttcctt 660
tttgcccaat aaatcccttt ttctacttct tcaaaaaana annnnnaaaa aaacttgagc 720
ctntaaaat 729

<210> 2815
<211> 711
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(711)
<223> n = A,T,C or G

<400> 2815
caagctcttg ttctttttgc aggatcccat cgattcgcctc tcaactagccc tgggcacttc 60
ccactgcctt tgtggacttc tgtttgctct tctgtagaat gggataacag tgccagtcct 120
gcttactatt tagggttatg tgatgcttgc agatgtacag ggaaagcacc gctgatggga 180
gctgctgaag tttctagggg aggtgaaggt ggcgcctcct cccctggctc aagtggtaga 240
tggtgcaggg agaggagaaat ttcattctgt ggcagcagct gatagattcc aggtctttaa 300
tactacctgg gaaaccttaa caaagcagtc agtcacaaa actgacctag cttctgagca 360
ttgctaacca tgctttttaga gaaacaggag aattgcttga acccaggagg tggaggttgc 420
agtaagccaa gatcacacca ctgcactcca acctggacaa cagagcgaga ctccatctca 480
aaaaaaaaaa attgtgttgc ctcatacgaa atgtatttgg ttttggttga gagtgtcaga 540
ctgatctgga agtgaaacac agtttatgta cagggaaaag gattttatta tccttangaa 600
tgtcatccaa gacntanagc ttgaatgtga cgttatttaa aaacaacaac caagaaggca 660
gaccnggata tactngaaaa aggatgcttt ttttttttta ctccctctaa c 711

<210> 2816
<211> 739
<212> DNA
<213> Homo sapiens

ctgggcaaca	gaacaagccc	ctgtcttaaa	aacaaaacaa	aatcttcaga	gcaggcttaa	360
aaaaaaatct	ccctagggga	ataacaatta	cctgccttct	gtaatcatgc	atgtattgtt	420
acaatgaatg	ttacaaagtt	ggttacgtga	tggtcatgtt	tttaaactga	gttattgtca	480
ttttcactca	gattctgcca	cagtaattct	gaaaggggtt	aattgaaaat	attttcttct	540
tcagtttact	cgtttactca	ttcattcata	taaaaaaatt	gcttaaaatg	tcaatcatcg	600
gctagacccc	atacccaaag	ccaataactg	gcctcaagaa	tttacaatct	agtgaggaag	660
acatgttttag	acaggcatta	aaaaacccaa	cctagcacca	agctatgtag	aactcagaga	720
accattnatt	gaagt					735

<210> 2812

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 2812

aaacaagcag	cncctgtaa	anccctcnnt	gcnggaccca	tcgttcgaat	tcggcacgag	60
gacatacgag	aagaaattaa	atgtgacttt	ttattttaaag	caaaacaccg	aattgctcat	120
aaaccgcatt	ccaaacccaa	aacttcagat	atttttgaag	cagatattgc	aaatgatgtg	180
aaatccaagg	atttgctagc	tgataaagaa	ctgtgggcnc	gacttgaaga	actagagaga	240
caggaagaat	tgctgggtga	acttgatagt	aagcctgata	ctgngattgc	aaatggagaa	300
gatacgacat	cttctgaaga	ggaaaaggaa	gatcgtaaca	caaagtgtga	tgcatgcat	360
caagtaacag	actctcatal	tccttgncat	aaggatggtg	caggtcagaa	ccattcaatg	420
gncaagtga	tagtcagntg	aacnggtcag	tgaatgggtc	caggctctac	ccagtgtatg	480
tgatgatgat	gatgatgacg	acgacgacga	ccacattgac	gacgatgatg	gngatacgcc	540
atgangcttt	aagggttggg	gaaaattcta	ttcccacaat	ttattttcac	atactggtga	600
ccctaanagg	gncccaaata	aaaccgggaa	gaatcccnct	ttnaaaaatc	cctggnaagg	660
aaggaagaaa	gccnaaccgt	aancnaaaga	acaanccctg	gcaangggca	cttntggccn	720
agaactggcc	gaccaatnan	gnccg				744

<210> 2813

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 2813

ggmntnnaag	ancagctctt	gttctttttg	caggatccct	cgattcgaat	tcggcacgag	60
acgaaaatagt	gacatgcact	tattagatnt	ggaatctatg	ggcaaaaagt	cagatggaaa	120
gtcgtatgtg	tattacgggg	agctgggaatc	caaaaatcccc	acattttcaa	gttgtaaatg	180
aagaaactcc	taaagataaa	gtcctgttta	tgaccacagc	tgtagatttg	gtaataacag	240
aagtncanga	gcctgtncga	tttctcctgg	agacaaaagt	ncgcgtntgc	tcacctaatg	300
aaagattatt	ctggcccttc	agcaaacgta	ntnctactga	aaattncttt	ttgaaactaa	360
aacagataaa	gcaaaggag	agaaagaata	atactgacac	tttatatgaa	gttgtntgct	420
tggaaaagtga	atcagaaaga	gagaggagga	aaactacagc	cagtccttca	gttcgcctgc	480
cacagtctgg	atcgcaaagt	tcagtgtatc	cttctcctnc	agaagatgat	gaagaggann	540
ataatgatga	acctctnctg	agtggatctg	gtgatgtatc	caaagaatgt	gcanaaaaaa	600
ttctttgaaa	catggggaga	actgttgtca	aaatggcatc	ttcaacttgg	aatgtgaaga	660

<400> 2809

gcnatgcttg	gctacttggt	ctttctgcag	gatcccatcg	attcgaattc	ggcacgagga	60
gagacagtga	gagagacaca	ccatggggcc	tgatatggag	gcacttacgt	ccaccaatgc	120
tgtaacattt	gcattcgtta	acaccctttc	attaatttat	taaatcattc	tccagtgtaa	180
cttctgtaga	attcccagtt	tttgctttta	tgaaattctg	tagttgatga	acctcagatt	240
ttacaagtaa	ttgaacttaa	ctacaggaga	aggaggagaa	gaagggtggag	ggaaaggaca	300
agaaaaaaaa	gcaagatata	actttttttg	gttcccctct	tttaatat	tttctaaaa	360
tcataactat	aaatacaatc	atttaaaaa	gcaggatatct	aaaattacat	ataaaactggt	420
ccttcgagta	agtcagagaa	tgctatttgc	tcattgttaa	ctgtattttt	agtatcttcc	480
aaacaaaatt	ctctttatca	aaattatcat	ttgcagcttt	tctaggtagt	ttccaaagt	540
gatgcacgct	tatggttggg	aaggatcctt	cttgacaaag	ctttcacact	cagaaactac	600
tatcaaattg	agtcagcac	aggaagaaag	aatacactga	tgacccgagt	atgctgaaat	660
aaaagaaaca	taaggngctg	ctgtctgaat	tcacactgga	gtttctttca	ctggtgtcaa	720
gtggtggtaa	cctatc					736

<210> 2810

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 2810

ggatctagct	ctgntctttt	tgcaggatcc	catcgattcg	aattcggcac	gagcattagt	60
atTTTTgtga	tttcatTTTT	tacacttaaa	tattgattca	tgtggaattc	actttgatgc	120
agggtgcagt	agggtctccag	tttaattttt	ttttagattg	ctactcagtt	gtttcagtag	180
tgcttagtga	ataagccatc	tttattatct	tgagatgtca	cttttattat	gtactgaatt	240
tctctgttta	tggtgggtct	ttagctgtac	tatgtgggtct	cttccattga	tttgtctttt	300
actgggctgt	gtcatactgt	ttttaattat	tgtagtgtta	tatttttagta	tttgggtgagg	360
ctagacccct	ttcaattaac	ttttgcttta	ttttttccaa	aggaaattta	ggagccggac	420
acatatgtgt	gttcatgtat	tttcattggg	aatgcattaa	atatatagat	taatttaagg	480
gatcattggc	acttttgtga	tggtgagtat	gtctgttcag	gaacatggta	tngcttttcc	540
atTTattcaa	gtcttttcaag	tattttttgg	gagcatttta	aagttggctt	catatagatt	600
tgatatttnn	ctttctgnga	aaccaataga	ctncaaaagc	tttantggct	tatggcaacc	660
aaanggttaa	tttctcattc	accgttacat	gccacctgta	ggtcaatggc	agccctgctt	720
atggttcgat	gn					732

<210> 2811

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(735)

<223> n = A,T,C or G

<400> 2811

gtaanntnnn	aatancangc	ttgttcttta	tgcaggatcc	catcgattcg	aattcggcac	60
gagatccaat	atTTattgag	tgtctattag	gtgccaaagca	ccttaatagg	tcctatggat	120
ttgaaatgcc	gtccctgtct	tagatctcac	ggtctactgg	aggacacaga	gaagtaagca	180
ggcagttgca	gtacaatgta	acactgagtg	ctgtctgtgt	atgatgctga	ggagggagggt	240
tagcctgagc	cggggaagcg	gagcttgcaa	tgatcggaga	tcgcgccact	gcactctagc	300

gccggtaaag cttnaaacn

739

<210> 2807

<211> 728

<212> DNA

<213> Homo sapiens

<400> 2807

gaaagcagct	cttgttcttt	ctgcaggatc	ccatcgattc	gcaaaaagtt	aaaattttat	60
ttttctctca	tgtaacattt	tggaataatt	gatgattccc	taatgttggg	acccagtctt	120
ttctgtctta	ggctcacaac	tatccttgag	cctgtgtcat	gggggatgac	tctgaagctg	180
cgtgcaccct	gttcattcac	atcttcttgg	cctgaactta	gtcactaggc	tattcctaac	240
tgcaagagaa	gctggaagat	gtagtcttcc	ttctgaccag	ccatgtgctc	aaccacaaat	300
tgagtttcag	ttattggagg	gcagaaaagaa	tagatatggg	gctgctttgt	aggctgctgc	360
tcggggcagc	ctctgctgtg	ttatttgaga	tttataattt	tccttggtct	cccagatgac	420
agtggaaaaa	ggcatagtca	agacttcaag	tgcggaataa	gttggcaact	ctgacatgca	480
agttcttttc	catatagagc	tgagttatgc	tggagtattt	tggttacaaa	gacttcattt	540
tctcacctgt	ctgaattcct	gtttggattt	tagttactct	tgatttatca	gcattggatta	600
aaaattgaaa	agacttggtg	ttttaaaatt	atatctgaaa	tggcagagac	agcatctgag	660
gattcctctt	gctactataa	ggaatgagta	attagtttga	tttttcttta	aatccaaata	720
aataagat						728

<210> 2808

<211> 739

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(739)

<223> n = A,T,C or G

<400> 2808

gnaaancagc	tcttgttctt	tntgcaggat	ccctcgattc	gaatcggcac	gagacanagc	60
atatgtacca	acaatgcatg	tttatattct	gtgccatgcc	aggggcaaat	tcatagttgg	120
cctgtttcca	taagtgtggg	gatggaacct	tgaaacacag	gacatctcat	aatgctgtaa	180
gcagggacca	ttgaaattga	ttcctagagt	cttgttctac	aaacttctta	aaaattactg	240
atttgacagc	agtatgtatt	caacatttaa	gactttctgn	ctaattttga	gcatacattc	300
ttgactaang	ctagcaatta	gagattcttt	ctttaattta	tcagatatct	attaattgtc	360
tacttttgag	tgggtctctg	gcaaggcgct	aaaaagccag	ttactggggg	tctgttcctt	420
aaggatcctg	anaattgagt	tgctaagaat	taaatcagca	ggcgtgcaat	atgactgtca	480
aagcttgacc	cctgcttnga	ttccctttgt	tganacaggt	tcttatagga	cctggattct	540
caccacatcc	tctggtctgt	ttaaggggaa	acaaaagggt	agctcaactc	tgtgtccagg	600
agtaccttat	agtccctttc	ccttaactgn	gtcnggttca	acttgatcca	agatcaggga	660
ttagtacaag	ctttgtaaaa	aaaaaaaaag	tttatttttt	acaaaaata	ganccagatg	720
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<210> 2809

<211> 736

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(736)

<223> n = A,T,C or G

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gactggtttc	tccatgttgg	tcaggctggg	ctcaaactcc	cgacctcagg	tgatccgccg	480
cctcgccctc	ctaaagtgtc	gggattacag	gcgtgagcca	ctgcgccag	ctatactgna	540
tattttaaga	agttccagca	tgttgcatct	ctgcatttat	cctatatcat	taaaagaaca	600
taagttatca	tgggtgttggg	taaattagcg	aaaatcaacc	ctttctaagt	ttaagggaaa	660
aagtattttt	aaaaacaact	taatnaaaac	ttacactctt	ttattacaag	aatgtatttc	720
ccttaaatn						729

<210> 2805

<211> 729

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (729)

<223> n = A,T,C or G

<400> 2805

gcattgtggct	ctngnctttt	gcggaccctc	gattcgctgg	aattagtggc	ttgctgataa	60
tctcatttta	taatttggtc	agcaatccag	cangaccaac	tttttaaaaa	aattaataac	120
agtagtttta	tgaaaactaa	gtaagaaaac	agtttccacc	tatttctgag	gtctccttta	180
gaaggagtaa	cagacagctt	ttatttctct	taaagttata	aaaatcacia	tcgcaagtca	240
caatgaatac	tgggaagggg	aattactttt	gcagagtgat	caagtaaatg	atagcggggg	300
ctaaactttt	ttagtaaaact	tgtgaagatt	acatacagta	aagtgcataa	atcttgagtg	360
tcaattcaat	gaatttttat	aagtaaacac	actttgagag	caagcatcct	aagactccac	420
ttcctccaga	attagctgat	gttcaggcat	aaggttgttt	acaggtgaat	tcatgacacc	480
tttgactctt	ctactgnctc	agaccttagg	taacatacct	gcagctgctt	ttctaacaaa	540
ctgttgatca	gcaaaaaataa	aggggctaca	gaaacactca	ttttatgctg	gtcctctttg	600
ggcttcatgc	caagacaatt	ctgnggtaaa	tgtncagttg	actctgattt	ggnaatatga	660
aatcaagtc	catccttggg	attaaaaaat	tttttacaat	tgnaattatt	attgatggtc	720
atattgggn						729

<210> 2806

<211> 739

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (739)

<223> n = A,T,C or G

<400> 2806

gcaaagnggc	tcttgttctt	tntgcaggat	cccatcgatt	cgncggcggc	tctggctgcc	60
cggcggtnga	gagcatggac	tctccagggg	cangtnnggc	gcctccggag	ttaccggagc	120
ggaactgcgg	gtaccgcaaa	gtctnntact	gggatcagcg	ctaccaangc	tcagccgatt	180
ctgcccccta	cgattgggtc	ggggactant	cctccttccg	tgccctncta	gagccggagc	240
tgcggtccga	ggaccgtatc	cttgtgctan	gatgnnggaa	cagtgccttg	agctacganc	300
tgntcctnng	angctnccct	aatgtnacca	gtgtgggacta	ctcatnantn	ntngnggctg	360
ncatgcaggc	tnnctatgcc	catgtgccgc	agctgctctg	ggagaccatg	gatgtgcgga	420
anctggactt	cccaatgctt	cttttgatgt	ggtntctcgan	aanggcncgc	tggatgccct	480
gatggctggn	gaacgagatc	cctggaccgt	gaactntgaa	gngtacaca	ctgtggacca	540
aangttgagt	gangtgagcc	gtgngnttgt	cccatgcagg	ncnnnntatn	ncantgacta	600
catgctggcc	ctcgctttat	gggccaacc	tntgcccaag	nntattatgg	ataggacctt	660
gaagcatgct	acctattggn	aatgggtttc	acnttccatt	gngnacctca	tgctncaaa	720

```

gtaatagcag ctcttgttct ttttgcagga tccctcgatt cgaattcggc acgagggcag      60
aagagcagac atggcagatg cttttctatc ttggtgttga tgctttacgc aagagttttg      120
agatgaccgt ggaaaaagta caggggtatta gcagattgga acaactttgt gaggaatttt      180
cagaagagga acgagtaaga gaactcaagc aagaaaagaa acgcaaaaaa cggaagaata      240
gacgaaaaaa taagtgtgtg tgtgatattc ctactccctt acaaacagca gatgaaaagg      300
aagtaagcca agagaaggaa acagacttca tagaaaatag cagctgcaaa gcctgtggca      360
gcactgaaga tggtaatact tgtgtagaag taattgttac caatgaaaat acatcatgta      420
cctgtcctag cagtggcaat cttttggggg cccctaaaat aaagaaaggc ttatctccac      480
actgtaatgg tagtgattgt ggatattcat ctagcatgga agggagtga acaggttctc      540
gggaggggtc ggatgttgcc tgcactgaan gcatttgtaa tcatgatgaa caccgtgatg      600
actcttgngt tcatcactgt gaagaccaag angatgatgg tgatagttgt gttgaatgtt      660
nggccaatct gaagagaacg acccanaana aaaaannnnn nnnnnnnnnn nnnnnnnnna      720
aaaaaacctc cc

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<210> 2803

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (732)

<223> n = A,T,C or G

<400> 2803

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ggntcnaatg ctggctcttg tgcntnatgc aggatcccat cgattcgacg gagttgagtt      60
gctaactttt gtccttttcc tcagtttcca gatgagttta ncagtaaagn atgcttttcc      120
caggcncaaa ttgggaatgg aaatcaccta gntccgttcc ctctgacagc tgtaatccan      180
agagctnagc tgnttacttc attagctngg tataagctga cgacagcagt gcccttgctt      240
tatntttgac agagctagga aanaagcctt ctttgttnct gctgtaatca tagttaccct      300
tganctgaaa tatcttacat tnattctcaa gcaggtaggg agagganaaa agacattgcg      360
aaaatnacac ctgaatgcct ggagcatgga agacattctg tccctagcct ttccctntg      420
antttgganc ctgngcccac tatgcccata gactgagctt tctaaancat ntatngattn      480
atgttattnc nctccctana aggctttcag aggatctcca tggccntacg aagaacttca      540
gateccttanc atgctacaga actcancatg atcaggntc cttattttct taattgattt      600
aaccacngat nctatgtgtc cttacattca gactcaataa nntncttaaa nttttcctgn      660
anaccaanna gatnctataa aggctngagc cctttaaaac tanangnggt cgaattccgn      720
agnaccagaa nn

```

<210> 2804

<211> 729

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (729)

<223> n = A,T,C or G

<400> 2804

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gaaannagct cttgtctttt gcaggatccc tcgattcgaa ttcggcacga ggcagccaat      60
tggaagagt gacttctgtg agatggctgg ctggtgatag gactaagttc tcattgttca      120
aatagagctg ttcaacatca ctgaaacctt taagaaaagc cctgagatca gttattccta      180
caagttaaag tagtagacag atactatcca gctctaagtc tcaactgctc ttttatactg      240
tacttttttt ttgagacgga gttttgctct tgtagcccag gctggagtgc aatggcagga      300
tctcagatca ctgcaacctc tgccctctgg gttcaagcga ttttctgctc tcattctccc      360

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<220>
 <221> misc_feature
 <222> (1)...(741)
 <223> n = A,T,C or G

<400> 2800

gtntangncn	gcactncttg	ntttgtgcnn	gatgcncgat	ntnngaattc	ggcacgagac	60
ctcttcttca	ttgttaaaat	ggaaataata	atactacctà	gctcgtggga	ttgttgtgag	120
acaacaacaa	atgagacaac	agagatctga	aactctgcct	ggcccctggg	atataccaag	180
tccacagtta	aattagcctt	tgttactaaa	tcattgtttg	ggtagaaatc	ctcagatttt	240
ggattttctca	agtgcctctt	ttctactgtc	caaaaggcag	aatgttattt	ttgctcgatt	300
ccattatgta	atatacctatg	aatttgaaat	ttcggaggag	gcacagcatg	gggctgtgga	360
aatggtgcag	gtatctgcat	ccgaaactcc	gaagtttgtt	ggggagggtc	tctctcctga	420
gcccagaggc	aaaaagctgc	tcccagaaga	tgatctttat	gccccacagt	ccaaagcccc	480
acattaaaca	aagtctcaag	acaagaaggc	aatgtgaccc	tggcccccat	gttttgtttt	540
gacttttaat	ttcaaaataa	tatcattgtg	ggggggctta	tagtttttaa	cagctgaaag	600
ttatatagac	agaaaaaatg	ctcaatgagt	agaaaangga	aaaaccttac	ttttaagaaa	660
acgtgattaa	tcaaagagat	attatgcttg	acctcaggcc	atcactttga	actctgncac	720
tggnrtgnaaa	atggcttncc	a				741

<210> 2801
 <211> 730
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(730)
 <223> n = A,T,C or G

<400> 2801

gggnntntan	tatcagctct	tgttcttttt	gcaggatccc	tcgattcgaa	ttcggcacga	60
gagcctctga	tcatacaagac	atggcagaat	aaaaagacaa	gtcacaggct	agctgaagat	120
atttgcata	cataaatcca	gcaaagactt	atatccagag	tatataaaga	agttctgtaa	180
atcagtgaga	aaaaagacaa	accccccaat	taagaatagt	caaaagattt	gaacaggcac	240
ttcacaaaag	gggggtattg	aaatggccaa	taaacacata	atcattactt	atcacagaaa	300
agcaaattaa	aaacagaaaag	agataaccaca	acctcctccc	cagaatgtct	atatggaaac	360
aaatgtcaat	accagggttt	gacccaaaacc	aactggaact	ttcacacatt	tttgctaaag	420
tgtaaaactgg	tacaacctct	tcagaaaact	gtttgacaag	atttttgttt	ttgtttttat	480
acagttaaac	acttaactta	tgactaagca	ttctgctcct	aggtatttac	ccaagagaaa	540
tgaaaatgta	tccaaacaaa	gacttgta	agaatgtcac	agcagcttta	ctcaaaatcc	600
tacaaactag	aaagaccag	gtgtccacca	ataggagaag	ggaggaaaaa	actaaaacca	660
ctttggtgna	atctctgcc	gtaaggaatg	aattactcgt	gcgtgtacaa	tatggatgtg	720
tcaaaacaaa						730

<210> 2802
 <211> 732
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(732)
 <223> n = A,T,C or G

<400> 2802

ncngagacct ttaagggtna ncaaganatg acttttngnt nnggaat aaggtggaat 720
 tgacacanag gcccttgaaa tggnaatgna 750

<210> 2798
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 2798
 tcnccctntt ttgccgctct tgttctttnt gcaggatccc tcgattcgaa ttcggcacga 60
 ggaacaaaca aaaaatgcac agttcataat aatttctctt cgaaataata tgtttgagat 120
 ttcggataga cttattggaa tttacaagac atacaacata acaaaaagtg ttgctgtaaa 180
 tccaaaagaa attgcatcta agggactttt ntanatgctn cttgcaaaac tactacnctc 240
 atatggcatg atccattnac antaccgtnn cnatatctgn cntctngctg naccnntnctn 300
 nnatctnctn tntctacnnc nntnaccnct gnannacgtg acgnagcnct cnctnagatc 360
 antganactg antatntntc angatcatnt cacaattcnn nctctntnngn acnncactgt 420
 angnctatca atctgcctta cnannccaca ncngantggn cannctngng agaccncnc 480
 tttnnnangc caatgcnnnn ggatcacett agnccntngt cctgccgncc ctgtntctnn 540
 tnnngaaacc nnntcnttac tcccaatang nnnnatgctt ncnntntnct tnanncgcc 600
 cntttaantn ccancnttctn ttggcnaggc cccanacact ggnnnantnn acttntntcc 660
 cccaantng nggannggct nnnannnnaa ncnnnattt gnnncncaen tnnnnccnntn 720
 ccngngcntn aatnccatnt nnnannnaa nnaanaacc n 761

<210> 2799
 <211> 698
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(698)
 <223> n = A,T,C or G

<400> 2799
 gnntnnnnnn ttnnnncacg ctcttgttct ttttgcagga tccctcgatt cgaattcggc 60
 acgaggcaca agccactgtg cccggccaat actgcanaat attttaaaaa gttaaaatta 120
 tctcttcttg ctggtcatag tggctcacac ttttaatccc agcacactgg gaagctcagt 180
 cagaaggatt ccttgaggcc aggagttcaa gatcagtctg ggcaacacag accccatata 240
 tccaaaaaaa taaaaataaa taaataaaac agttatcagg ctgggagtgg tggctcatgc 300
 ctgtaatccc accacttttg gaggtcaggg caggcagatc atgagggtcaa gagatcaaga 360
 ccagctggc caatgcgggtg aaacttttgt ctctactaaa aattcaaaan ntaaaattag 420
 ccaggtgagt tggcgggcgc ctgtaatccc agcccgttg ggaggctgag gcaggagaat 480
 tgcctgaatc tgggagcgca agttgcagt agttgagttc ttggccactg cactccaacc 540
 tgggtgacaa gagcaaactc atctatnaaa annaagacac tnagcttnat agttntgaga 600
 tatcttttagc atgtnttatt tccaatgcta gaaaattatc tttgntattg tcattttgtg 660
 gtgatactna gctctttgct ctgatactat aatgngct 698

<210> 2800
 <211> 741
 <212> DNA
 <213> Homo sapiens

gggatctctg	tctccacac	ccctgtcacg	gcccgcctgg	agcagcccag	aggccgaaga	360
ggttcttact	gcagcctccg	ggaggtgtct	agggaggcca	tagattgcct	ggtctcgccg	420
cattcaaaat	gaggcttatg	atcagtactt	ttttcagccc	cacattcctc	tccagaatgg	480
cctctgccct	acagcacctg	gcccattgtg	caccccatgg	gcctgtcctc	tgctgttgtg	540
aggtcgacct	nacgaccag	cacaggagct	ggaagccaag	tgcacgcgan	gctcttcaca	600
gccaagaag	gcagcctgtc	accctgctct	cgcaccaagg	gccaangtgt	ggggggcaca	660
agccatnctc	atcctgncag	gccccgcttt	cagaatgggg	tggtgccaat	gctccactna	720
aacct						726

<210> 2796

<211> 721

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (721)

<223> n = A,T,C or G

<400> 2796

gnnnntanga	tcagctcttg	ttctttttgc	aggatcccat	cgattcgaat	tcggcacgag	60
ccgccgcgc	caccaccacc	accactgcag	caacaacagc	agcagcagca	gcagcgccctg	120
catagctcca	ctctgacctg	tgaaggaatg	gggatgaggc	caggagctag	tgtctaccac	180
ggccacacag	ggagcagtgt	gggcccttag	cccccaagg	gcctgctatg	catgtggctt	240
tttttttttt	aaacacagta	aactagatta	gtcgtcagtg	ttttaattgc	ccctcttctc	300
ctctcctgca	ttcctctcct	ctcttctttc	ctctctgtcc	cttctctttc	ccctctcaac	360
caggagacca	tcatgtctct	ctgccttcc	cctctccctt	ccaggggagt	caggctgtct	420
gtgaaagcca	tgagcttctc	tccctctccc	actcctcctc	tcctactttc	agatggattt	480
attccttttt	ttaaacaatg	aacatcgga	atgagactgt	ggggtgtggt	nctctctctc	540
ttttttttta	attttctttg	ttgggttttt	gagcaacctc	atgtcccttc	caggagctt	600
ttaattacct	cttanaactc	aagtggatgg	gaagtagagc	actatgtgtc	aatatgcttt	660
ggtttctgac	acgattacnc	agcgaggctt	taatgccatt	gggtaggtga	gcttctgcct	720
t						721

<210> 2797

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 2797

ggggttttta	tgcttggcta	ctngnnctct	atgnagganc	ccatcgtttc	gctntcggtg	60
gccttnctgt	ggaagtgaca	tgctcatttt	ngccttattn	gtgnacnngg	ggangnncta	120
aaantggcct	gtntncangg	gttaagggtc	cactgnncta	attngcaatg	ggaacaccat	180
gtactnagtt	ggntncnncc	gtttntagga	aagctttcnt	tatgcaaggg	ataacatcna	240
atagggcact	tatcccaa	gaatgcagca	atttaaacca	nngatgttta	cgcattggcaa	300
gaacacngtt	aggcaggant	ntgggggtcaa	ctangctgat	gtctttgaac	acccatgagc	360
tcactggaan	gtntgnatat	cnggtggccg	atgggctnng	ggngtntnnt	gnttgctcat	420
angcgnaatt	taaaangnga	gttatgtggg	nganaatatg	tatgtttgca	attacacatg	480
gaatgtaaac	caaagataca	nttctnagcn	ccctaaccnc	taantggatn	ccctcntntc	540
anncaanggg	nntntccacn	gggaacctga	aacactagtt	naggctgtga	tggaatgag	600
tgggtggaca	tgcttncatg	gnaaggaatt	nntacnncac	tnaccttcat	gaacattcna	660

tctanctttg	ngtgtancgc	ctngcctann	agantgggtg	gncggaagat	gaggaagcca	60
gcactggatc	tcatctcaag	ctcatnttag	atgctttcct	acagcagtta	cccaactgtg	120
tcaaccgaga	tctgatagac	aaggcagcaa	tggatttttg	catgaacatg	aacacaaaag	180
caaacaggaa	gaagttggta	cgggcactct	tcatagttcc	tagacaaagg	tacggaaaaa	240
ggaccagatc	aatattgaaa	caaagaataa	aactgttcgt	tttataggag	aactaactaa	300
gtttaagatg	ttcaccaaaa	atgacacact	gcattgttta	aaggtttagt	ctgaattagt	360
tgattgtttt	taattgaaaa	gtttaaagnt	ttaattatna	atgggtggata	aagtgaaata	420
atncaatatt	tgattaatcc	aaaagaagac	cangaaanga	agaaaaagtn	acgtttaaca	480
agtgtgcana	atacaaaaaca	natagtgaga	tcttagatac	ttatgcagtt	ctaccgagtn	540
nttaccgtga	aatntaaaaa	agggnnngaaa	atantntcca	aggttaaagc	ctttaaaaan	600
tattannaac	tttggattca	aaaacaaact	nncttatgga	agccnttttn	ccaacnagga	660
ngtccanccc	tttaaaatan	tgaaaggatt	ntgtaaaaaa	aanannntta	aaaaaacttt	720
gngcncctt	tttaaanent	nttttggng	ggggcctttt	nnccgtnaaa	attccctacn	780
ctttgtatta	nagnacncct	ttnggg				806

<210> 2794

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(737)

<223> n = A,T,C or G

<400> 2794

tnanttnnnn	ggttggngt	tcttcnntaa	gatncaancg	atncgaattc	ggcacgaggg	60
cacagtcagg	gagttagtta	gtgggtagac	tcagcaggag	ttgggtgcta	ttcagatgtg	120
ttggggaaag	tgacaggcat	agctgactcg	gggtcattca	ctaagccagg	agcccaggaa	180
gacacacaga	tgcaagcaga	gatcgtgcc	ttacactcca	gcctgggcta	cagagtgaga	240
ctctgtgtca	aaaaaaaaa	gaaagaaaat	gggcttgtgt	ggtagcaggt	aagaaattga	300
atctctgttg	tacagcagct	agctgtactg	catgatcact	tcccattccc	cagctgacag	360
tggctgtctc	tggaaactct	accacagtct	tcaattggta	ggccagccct	ggtgccagtg	420
attttatctg	ggcatggaaa	atgccacttg	cttctgtgga	agagacactt	aaaagatctg	480
gcagtcggcc	gggtgcggtg	gtcacgcct	ataatcccaa	cactctggga	ggtcaaggca	540
ngcggatcac	gaagtcagga	gatggagacc	atnctggcta	acacggtgaa	accctgtct	600
ctactaaaaa	aaaangnaaa	aaaaaactcg	agcctntana	ctatagttag	tcgnattcct	660
agatncngac	atgataagat	ncattgatga	gtttggacaa	ccacactnga	atgcntgaaa	720
aaaatgtttt	ttntat					737

<210> 2795

<211> 726

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(726)

<223> n = A,T,C or G

<400> 2795

gtaaagtgtc	cttgttcttt	ttgcaggatc	catcgattcg	aattcggcac	gagggcagtg	60
ctgcgcgggg	ctcccagccc	tgctgggaag	gaccagggaa	ccactcagca	aggagaccct	120
cttgcccttg	ccccaccat	gcaccagca	gccgggagtg	cagcgggcag	cctggcagtg	180
agtgaacccc	aggcctccag	cctccaaaag	cctggggcca	ccccctgtag	caggcgatgc	240
tagaataagg	aggagagcca	gagctgaggc	tccttgcccc	ttggcccttc	caggggccat	300

<220>
 <221> misc_feature
 <222> (1) ... (750)
 <223> n = A,T,C or G

<400> 2791

cnnncnntgt	actgnacnng	nantcccatn	agccnannga	ttcgaattcg	gcacgaggca	60
tattgtggag	aggcacagtt	caggaggaat	agntttcgtc	ttgaagagga	ggacactttc	120
ctgtgaatca	tgagggacag	aagatccata	tagaagaaga	caatagcttt	gatcttctat	180
tacaagaaaa	ggaatgccag	tgtaagagat	ggcatgatat	ggaagtgtat	tccttttcag	240
gcctgcagag	tgtccctccc	ttggctccag	aacgaagatc	cacacttgag	gactactctc	300
agtcgctgca	cgccagaact	ctgtctggct	ctccccgata	ctgttctgag	caagctcgag	360
tcttcgtgga	tgatgtgacc	attgaggacc	tgtcaggcta	catggagtat	tacttgtata	420
ttcccaanaa	aatgtcccac	atggcanaaa	tgatgtacac	ctgatagcaa	gaagctaatt	480
catatgcttt	aaaccaatga	aggcttgnc	aagagattta	gttaatggca	gaccttgngg	540
ccactttntg	tgagaagaca	tctcttntg	ctcactgtct	tgcaataaaa	acttttnttg	600
gcaaaanacc	aaantttaga	gtnanccntt	aaangaaaaa	ccttggnccc	cttanaactn	660
ttntggaggc	gnatttnccn	tngaataccc	accttggtat	caggaatcct	ttgatnaant	720
ttnggaaaaa	ccccccactt	ggaaatgccc				750

<210> 2792
 <211> 770
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (770)
 <223> n = A,T,C or G

<400> 2792

agcttncnnt	nnatnagtnn	nggaactngc	cgcannatcc	cancnantcg	ctccgcagca	60
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gtagctgcac	cacccccgct	ctggctacca	ggctctcccc	gctgggcaact	gcgtggcctt	180
gcccctctcc	cgctggcagc	tctcagggg	aacaggggct	accagaggct	gatttctccc	240
ctctcctggg	ccaggggagg	ggtattatcc	ctgcctcctg	cccccgatgc	ccaaagcagc	300
atcttcagc	actttccatc	gaggacttgg	gtggcagant	gtgggtgcag	cctggctgtt	360
gtcacccaa	gtgctagctc	tgcacttcgt	gtctgctgag	agcaaccaag	accttccatg	420
tcctcgaggc	agctgcaact	ccccgcgaga	ccccgcannnt	gggtgggatg	aacaaagcaa	480
cgagaccac	angcgagtgc	ctgggaagga	gtggnccang	gtggttctgg	agccattgtg	540
ggtgagggtt	nagggccacc	gaagtnccgc	ncaccgntgn	ctgccctgca	ctggctttaa	600
caagttngnt	ntgccaaana	ctnttcaatt	taccatcaag	ccggtctant	gtcttcaagg	660
nattggagcc	tgcgattcct	tcggggcacc	ntggggcccc	cnccggctnt	gggntccctt	720
ggngggaaat	gggcccgaagc	cgggctttgc	nggtttcctt	ccnttanggg		770

<210> 2793
 <211> 806
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (806)
 <223> n = A,T,C or G

<400> 2793

<210> 2789
 <211> 746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(746)
 <223> n = A,T,C or G

<400> 2789
 ttagnnnncg ncgcgntgac cnggaaancc ccaggagcnt nncgntgcga attcggcacg 60
 agtcttctag gaatgagggg catcagccca cccaggntt ttcagtgggg ttccggggcca 120
 cctcaggact ccaagaggct gtgtggagcc accactccta gccacagctg ccatgataag 180
 tccttccatg aaggactgag gagggagagt ggggggtccag ggctgggtgct gctcttcctt 240
 cagctctgcc ggggctctaa ggtccctcta tttatttctc aaccctggct ggcctctcac 300
 caggagtta ggctgaatgc cttccacgtg atggaggaaa aggccaaactc tgtcctgggc 360
 ttgctgtggc accccatcgc cccacagctc gtaccttctc accagattcc cctgaatcca 420
 aactcgtggt gcaaaccctc acctttttta caaaaagatc ttattgttaa tttattgntt 480
 ctggcacttg ggcaaaccct gtagttaata ctctccac actagacact ggggttcagg 540
 aggagggaga ctgccctgct ttggtcccag agaggccctc tgcagatagg cgtggccctt 600
 cttcagagga cactacccta gggcacttct tctttgaggt ggagagacct ataaagcctt 660
 gacacatcac tncatatggg ggaggaagaa aggatccctg gcaccttctc ctctctttaa 720
 nggggccctt ttgcaagccc tagncn 746

<210> 2790
 <211> 814
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(814)
 <223> n = A,T,C or G

<400> 2790
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 tgaaccngng aggtggnnga tgcagttttn ttttgattga gccattgcac tcnagcctgg 120
 gcaacatagc gagactctag nctcaagaag annanaaata gactgagana aagaaganga 180
 aaaaactnnn gagggccacca gtcctgngaa gacaacaaag aagcagggct ctgagagaga 240
 ncnangaggg cataggtggc ccgaggacat naganggggt nanctncang ngaaatnggn 300
 gggaacggtg ntccaggcnt agggaatagc ncatgnaaan gccgtgataa agggaanaaa 360
 ctnggtgnga tggaggaatg ncagagaggg cagaacagan cnagagggca ncattcgtag 420
 gagacgaggg aatcacgggc ctgccaggcc atggangggg tgnnggattct annacgaagc 480
 ctgaggaaag tnaaggcngg gannancaca ncaaagatgc cancnggctt gggcttacgn 540
 acctccccca tggcngcatg ggaangaaaa ttaanatggn cgcacaaaaa agttgnaann 600
 aangnngaac gcagcnnngg tgnnannngn ccccangggc aaaannggnc aaagnanggg 660
 nccggggtcn nggggcttgg aaaangatag gacggggngc caagnaaggc tccaanaaaa 720
 atcgganccn ngggaanaac nngggaganc nngcnnggan ngggacaaaa attngggnc 780
 cnggccaagg ncccggnngg caccanatg ggcg 814

<210> 2791
 <211> 750
 <212> DNA
 <213> Homo sapiens

cacttatgga	gaattttat	tgtcataagg	netgaatcat	aattaaatat	gttctttggg	540
tctancagtt	cttctatttc	ttgnattata	agtaaaccct	ggaaccatct	tanacactga	600
tcatgaagac	taatttgnaa	taanaaagtt	tctagccctt	cattccnatg	gaaatatggt	660
tgcccngntaa	aaaaaaaaagc	ctctagaact	tttagtgagt	cgnattaccg	ttagatccng	720
aacttgatta	aggatacaat	tgattaagtt	tgggacnnt			759

<210> 2787

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 2787

gnctttnaaa	tcnnttgcta	cttggtcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgagatgggg	tatagatggt	tttccccctg	tgtactctag	ttaaatttcta	tgccatttct	120
cctatcgatc	tgccctttgt	cagttgattt	ttcagcttaa	cttcagagag	caaaggggaa	180
ggtggccaag	tgcatgtct	catgcctgta	atcccagcac	tgtgggaagc	tgaggcaggc	240
agatcacttg	aagtcaggag	ttcaagacca	gcctggccaa	catggtgaaa	ccctatcttt	300
actataaaga	aaaataagtc	gagtgtggtg	gtgcacactt	gtaatcccag	ctactcagga	360
ggctgaggga	gaagaattgc	ttgaactcgg	gagatggagg	ttgcagtggg	ccaaaatcgc	420
gccactgcgc	tccaacctgg	gtgacagagt	aagaccctgt	ctcaaaaaaa	aaaaaaaaaa	480
actcgagcct	ctagaactat	agtgagtcgt	attacgtaga	tccagacatg	ataagataca	540
ttgatgagtt	tgggacaaac	cacaactaga	atgcagtga	aaaaatgctt	tattttgtgaa	600
aatttgngat	gctattgctt	tatttgnaan	cctttttaag	ctgcaataaa	ccaagttaac	660
aaccaccatt	ggcatttcat	tttatggttt	caaggttcaa	gggggaagtt	ttgggaagg	720
tttttnaatt	tcnngcccc	ggnngccaat	n			751

<210> 2788

<211> 739

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(739)

<223> n = A,T,C or G

<400> 2788

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catttaaata	ctaagttag	ggcatantag	ctttntntgtg	cctataatcc	cagtgttttg	120
ggaggccctag	gcgggaggat	gccttgagcc	caggagattg	aagctgcagt	gaattatgag	180
ccaatgcact	ccagcctggg	tgagagtgg	accctatctc	aaaacagcaa	caacaacaag	240
atacaaatg	agaaactggt	acttgatttg	cgatatgtat	tctgtccagc	agtgatagaa	300
taacaaggac	tgggtttacc	ttgctatttt	aagcaacaat	atatgaaata	gcaatttgta	360
ggcattgggt	aacaggcaaa	gcaagactgt	ggtcactgaa	agctgggaaa	caaacctact	420
gagctctatg	gttgccccaa	tttattatct	ggaggtagtt	ttcaggctgc	agagcaggga	480
tggggaagtc	aaacagagca	tggtgtctta	gaattgggag	gacaagatgg	gggttggcgg	540
ggagggaagg	ttgtcatcat	tcgtggggca	gagtagcaga	gaagtgggaa	gttgtagaca	600
gaacttccag	tgataggtgg	aggagtcttc	tgaatctggt	tgaatcctga	tctacagggtg	660
catgaaaagg	agaacaccct	gaggncagaa	aaagaaccca	ctggaaacca	caggccaaac	720
aattnctggg	actcacact					739

tgaggacaca	aagtgggtgtg	ctggagaata	aactagagcc	tgtgggtgcc	gactggcaac	180
ttggggattg	tgtgagtgag	ggagagattg	tgcagagcta	atcctaacat	tgctgatgag	240
tggacagaaa	ccataggcct	catgaatagt	gatttctgaa	gtcaaagccc	agtatgctta	300
aatatcaacc	caagtgggtt	gggagagggg	agcacagctt	actgttctgc	taaaattctt	360
tgaggaatta	agtnagaata	cgtgtaaggt	acgtagcaat	ggttatttac	aaaatggact	420
ctgcctgcag	attattagta	tgtctcagat	gtaaaaccag	ctcaaaagta	ctangacgat	480
ttgtagtagt	atttaattat	ttgtaaactt	acaccgtttt	tcttcacgtt	tgagaatac	540
aaatctttgn	cagtagtgaa	atgngaactt	agtaggatta	aactgngtgt	aaaccttggt	600
ggcgggatga	agagagggcag	aagcgcgtac	tgggtgctgta	gttgcgcgca	agctcaaggg	660
cccactatgt	actgctctgg	gttgcactgc	ccagaggtaa	ggggaagctt	ccttaagacn	720
t						721

<210> 2785

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (730)

<223> n = A,T,C or G

<400> 2785

ggnntttnt	annatacagc	tacttgttct	ttttgcagga	tcccatcgat	tcgaattcgg	60
cacgaggggt	tctttaacct	gtgcttcttc	tgtcctaact	cccatcctgc	acagttcata	120
gagtcacttt	ctgactatcc	tatagacaca	gtaattggac	ctgtgttttt	ttctaattctt	180
tatatgacag	cacatttcct	aattcaggga	ccatccccta	tcccaaattc	catcctgtga	240
gatgtgaaac	ctgtgagttc	atgtgaatga	gtgtttgaag	ggcttgacgc	catgtagtct	300
cttaggaagg	cttcaggggtg	ctcttatgtt	gatgctttgc	cattatcaaa	tggcattgat	360
tgatccgagg	gactcagaaa	gttagggtag	actctataaa	taatttcatt	attcctcatc	420
ctctnctca	tcatttttatt	ggtagtcat	tctgccagat	cactaagatt	cttctctac	480
aggccccgca	aaattncaca	gagccctgat	tctncacctg	cagatggagt	ctccctatcc	540
cattgctcag	cttttcaaga	tttattatga	tgtggaag	tganggaatt	tcttaagccg	600
agaaatcaga	agttcatgcc	tgttacctcc	taagaaccgg	gngtnaaaga	ccatntatcc	660
tggctctgana	tggcgggcct	ttagtgagaa	ataagttggt	tttaagttgg	ttcagaaaaa	720
aaaaccacc						730

<210> 2786

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (759)

<223> n = A,T,C or G

<400> 2786

agagtttgng	tgtagcgcct	tcnctaagan	nttggcggtg	cgaattcggc	acgagcaggg	60
atccacttgc	cttaatttgc	acagtgttct	tataaatcaa	cagaaagtac	acataacaga	120
aaaatttaaa	aggttagggg	tcatttagga	aaaaatgcaa	atgccacaaa	atgtgagaaa	180
atgctcaatc	ttacttataa	tttaagaact	acaattcagc	caggcgcggt	ggctcatgcc	240
tgtaatccca	gctacttggg	aggctgaggg	acgagaattg	cttgaaccga	agaggagag	300
gttgacagtga	gccaagatca	tgccactgca	ctccagcctg	ggcgacagag	caagacttgt	360
ctcaaaaaca	aacaancata	aaacaacaaa	naaattacca	ttaaaaatga	gagagttttc	420
attggcaaaag	ttaaaaagaa	aggtgaaaga	aaaacctact	cttcttgatt	tgtgtttggt	480

<223> n = A,T,C or G

<400> 2782

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cgntgtantnt cnannngcgg gcctcgctct ttcannaagn cnngcngngn gaattcggca      60
cgaggagntc gnancctcctg gtggcgcttt tttgagctgc agtgctacaa gaggggcctg      120
antccaccaa gagaaggccc aggaggaaga agagaaaaag atgctgtggt tactagtgcc      180
aaaaatgctg gcaggaacaa ggaggagaag acaatcataa aaaagctgnt cttttttcga      240
tcggggaaac agacctagat ccaaggccac aagtaaggct atggctctga ttctagaaga      300
caaccttcca agatgcctgg caaaaccacc tccctgtgcc acacagacac actaggcctg      360
tgtattttatt tccccttcaa agcagactga ggaggaggga gacgaggntc tcttggcatc      420
actttctccc tggctgcaga actagacacc cttgaagatt tggcctgggc cagtgagact      480
gaaatcaaga aaaacagaag ggatgtgcaa ggtggggggg tccacttnct gctcccatgt      540
caacccccan ggccttcagc gtgcagacgc ctgncctact catctgctcc cacnggatgg      600
accctgggct ttaangggta agcanaaagg gagaaaaaga aaacccggaa aatgngccta      660
ttggagaatt cccagngggg gaccttcacc tggatattta aanggaaana ttnggatttt      720
aagcccaaca tgcccttnct tttanggggg aantnngggg attaaaaagg naaaaaagga      780
ttcc                                         784

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<210> 2783

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 2783

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nnnttnntna nnnttgggct aacgcctnn aagnaaccag tcggnncgaa ttcggcacga      60
gaagacctgc agcttcagca tcacttgaga agttnttagg aatgcatact agtgggcccc      120
gccccagac atagtgaatc agaaaccaac agggaggcgc ctacattgt ttttttaaca      180
agtgtgggt tattctgatg cacagtctag ttttaagaacc actactttgg gtaaacgttt      240
tgactgttta aagtttatgg cggatgaagt ggcattctca aagactagta cttacacagt      300
ttagaagatt tcaaggatct gctgacagta gtttattatg tcagtataca tacgtgtaga      360
gatcataatt tagttccctt cttaatgtta caatttctta gtttactttt cctaaagggc      420
catagcataa ttcttgattc ctggtggaaa tcttttctga ggtgtggggg tgggcaaggt      480
gtggattgct gtttacgata gtgccttcac tagttttagt tctgtctgtt ttcattcatt      540
attgactcaa aggtattaga acaggccctt atctttttcc tattagattt atttttgntt      600
tttactttat gtaagttcag aatccttttt ttaaagtgat gactactgat gaaataatgn      660
tactagtagc tgaatttaga cttgatgcta tgntgataat atttaaattg tgaagagtaa      720
ttaaggcaaa atagcaattn t                                         741

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<210> 2784

<211> 721

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(721)

<223> n = A,T,C or G

<400> 2784

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nttcnnnnntn nttggctgtt nttcngcagg ancccatcga ttcgctgcct cctccttagg      60
cagagagctc cttgggtcca tttgaaaacc ttccttcccc ttttgctgga attgagagac      120

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<210> 2780
 <211> 678
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(678)
 <223> n = A,T,C or G

<400> 2780
 nttnnanncn cagctacttg ttcttttttgc aggatcccat cgattcgaat tcggcacgag 60
 cgtnnacnga ctacgtgtng agcnctgtgn cagacnctga ntncacnntg gngaanaatga 120
 nngtctaggg gnetcagccc gtntnnttcn taatccagtg aganacnaan acatgtacac 180
 aggctncgat nanttgtgnc aattgggaaa tgtgccatgc tactagggga tggatgagat 240
 cncagcttan tcttggaag aatgagtng ncntngcaan taagggngga anagaatatt 300
 atcaagagag gtgangaaag ttgncgngac ctcaagtga caganatgag aatacnttgc 360
 tgtntaaatn actgcttnac ctcnatangg gnnagaggtnc ngntnnntg agctaactcg 420
 atntcangng atgttatcng gaagaanaaa ggctnnnaaa cnntcncttt tnagnacagt 480
 atgtgcactt aactgcaaat ggtactggg gagccatata tggacttatc tgaaaatgac 540
 ctancncaat tgnctttaga aaaanccng ctgccttgta actngtaatg gcaactgagg 600
 tggtagacat atngatttgc actatgagtn gaatncttat ntctgtnga gtgcattcct 660
 tcgtggntng gactgaac 678

<210> 2781
 <211> 682
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(682)
 <223> n = A,T,C or G

<400> 2781
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 tatggtagac ttagatacga gaacgggtaa aggtactgg ataaacttgg gatataagat 180
 tgcttctttt atgcatacca ctcataccac tgggtgggaaa tttcatttgg aattactccc 240
 tagggccatg gagtcttccg gcatatgcta ataagtgaag ttcccattac ctttggtaat 300
 aagaaaatat ctttaaaaca agttagcttt tcctattggn tatatatgga aggacangct 360
 gttttccctn ctgtgcattt agcattttgn gtatnctctc attgcncnaa ntatgcttat 420
 aacattgtga aaccccgtct ctactaaaaa tacaaanatt agccaggcat ggtggagccg 480
 tgcttggat cccgtgtgct taagaagctg aggcnaaga attgcttgac ctgggatgca 540
 aaagttgcag tgancctaca tcacancant gccttcancc ttggggacaa aactgtttct 600
 cnnnaaaaaa antaanaaan tttgagcctt taaaactatn gtggagncgt attacnntan 660
 atccngacnt ggatnagaat cn 682

<210> 2782
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(784)

taaaaataca	aaaaattagc	ncgggtgtgg	tggacgtgcc	tataatccca	gctactcngg	480
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caccattgca	cttcannctg	ngcaacaaag	aaccgaaact	ctgtcttaaa	ataaatnaan	600
nnattaaaag	acagaaangc	aaggggggtgc	ctaaaattct	aaaactttgg	gggtccaaca	660
ccngggcaac	cggnggnttg	caaaccctg	caaccttgg	aaggcttcca	ttttntttcc	720
caaagccnn	anncagaagg	ggtcattgcc	gggccccaaa	aggaaaaaa		769

<210> 2778
 <211> 735
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (735)
 <223> n = A,T,C or G

<400> 2778						
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ccccctgctg	ttaagaatcc	caaccacaca	ctttcacaca	ctattccagg	ttctggctac	180
tgaatgatcc	cacagctgag	gtctattgnc	atcgctccac	ttctattttt	agcagcacta	240
aaaacattcc	caaaaaaaat	gttttttagc	tttttaactg	tagattcacc	actaagaaat	300
tggcattgga	acagtccaca	gagcttattc	aaatttcacc	cattttacat	gcactcattt	360
gtgttgcatg	tgatatatag	ttctattttc	ttttatcacc	tgtgtagatg	gatgaaaaca	420
gcaacataag	caagatacag	agctgttccg	tcatcacaga	gctctgccat	actatccttt	480
tatagccatc	tctacctctg	tccccattt	ctaacccttg	gaaaccacta	atctgnnctt	540
cataattttc	ttattttcaag	aatcttacgt	aaatagggat	cacgaagtat	aacctttgag	600
aatggccttt	tcactncatt	cccttgagat	acatccagg	agtnecatgt	atcaatagnt	660
aattcctttt	tattgctaca	cagtctccat	agtatgaata	tactatgtac	atagcatatn	720
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<210> 2779
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (759)
 <223> n = A,T,C or G

<400> 2779						
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attgaacttg	aaaagccatt	ttggtgttga	atggcaaata	tgtggacttc	agcattcctg	180
gagcctgatg	catcccgctg	gatggccctg	ttcctgtgta	catgatggcc	tggggactca	240
gcagtgtgca	gggtactctc	ctttagaggg	tgctttgagg	aaagaagtgt	gctgccactt	300
acagaagtcc	ccttcccata	cagtgatata	acacaagtac	cccatgtcca	gggagcatct	360
ttcctctgat	ggcttgagga	cttattttat	aaaaggacag	gaatgtctgg	caagaaacag	420
aggagctctt	aagtactgta	aatactccta	gtcactctgc	atcagggtcg	caagtntaag	480
cagattgctg	tgggtgtatac	acatgatttt	agcatgataa	cacttctggt	taaatgncct	540
tagttggctc	ggnggccacc	actggcgtga	gccttaagaa	aggctaacgc	cgntgngaag	600
aaagggtctt	ataggccng	nntggagngg	ntaaattntc	tttagaactt	aaaagaagaa	660
cttgacgggg	atggggaagg	ggaaaaatga	acccatnggt	ncanggaat	ntaggtgaac	720
angagnaatt	gaaccnattt	gcaagnntta	aagaaaang			759

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attgtgtagg gcccgacatt ggatttattt taagtacaat aggaagccac tggaatgtga      120
taaccagagg cttgatgtaa tctagtctaa tctattaaag gattgctgtc tagtttgtga      180
taaattggagc cttgaccttg gtgtcaagaa attgtccttg ataccagcaa ggccaatttg      240
gagggttattg ccattctgag atgagaagca gtaatgactt ggtgtttatt tgagatagaa      300
agcaagtaaa atagaaacat tttctggtag tagaggcaag aaaacttggt gttaatatta      360
tcaaagcaga taataagaaa ttgttactgg gttgtagtaa ttatctcact gatattttaa      420
cccttggggtt tattggactg ggtggccgat gtttgggtaa gaaggaaatg agaagtgttt      480
ttaatatggg agatacctta gcatatttat aaacaaaaac tgataaaca ggacaaaact      540
tccacttatg gtcacggtga agtaactgat actggcccgt gttttctctc cattaacaac      600
tagaaatctg gttgcatacc caaagaagct ggctctgatc cacactaatn aaattgnaa      660
aatncangc tttaatgatc taggatccca aaagtantgt ggtcaaagcc aaatncaaaa      720
gtcttttaag gaagacc

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<210> 2776

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 2776

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ggggnnnttg caaatncnng gctgttcttt tgcaggatcc catcgattcg ccagcccctc      60
ctctccccgc cttctgggag gaggaggtca cacgctgatg ggcactggag aggccagaag      120
agactcagag gagcgggctg ccttcgcctt ggggtccctt gtgacctctc agtcccctgg      180
cccggccagc caccgtcccc agcacccaag catgcaattg cctgtcccc ccggccagcc      240
tnccccactt gatgtttgtg ttttgtttgg ggggatattt ttcataatta tttaaaagac      300
aggccgggag cggnggctca cgtctgtaat cccagcactt tgggaggctg aggcggncgg      360
atcacctgag gttgggagtt caagaccagc ctggccaaca tggggaaacc ccgtctctac      420
taaaaataca aaaaattagc ncgggtgtgg tggacgtgcc tataatccca gctactcngg      480
aggctgaggc aggagaatcg cttgaaccg aaccgaaact ctgtcttaaa ataaatnaan      540
caccattgca cttcannctg ngcaacaaag aaccgaaact ctgtcttaaa ataaatnaan      600
nnattaaaag acagaaangc aagggggtgc ctaaaattct aaaactttgg gggccaaca      660
ccngggcaac cggnggnttg caaacccaaa caaccttgnn aaggcttcca tttntttcc      720
caaagccenn anncagaagg ggtcattgcc gggcccaaaa agggaaaaa      769

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<210> 2777

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 2777

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ggggnnnttg caaatncnng gctgttcttt tgcaggatcc catcgattcg ccagcccctc      60
ctctccccgc cttctgggag gaggaggtca cacgctgatg ggcactggag aggccagaag      120
agactcagag gagcgggctg ccttcgcctt ggggtccctt gtgacctctc agtcccctgg      180
cccggccagc caccgtcccc agcacccaag catgcaattg cctgtcccc ccggccagcc      240
tnccccactt gatgtttgtg ttttgtttgg ggggatattt ttcataatta tttaaaagac      300
aggccgggag cggnggctca cgtctgtaat cccagcactt tgggaggctg aggcggncgg      360
atcacctgag gttgggagtt caagaccagc ctggccaaca tggggaaacc ccgtctctac      420

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<221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 2773

gtctatgctg	gntannnata	caggetactt	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	ggaccaagga	gatgtgagtg	aaaatgatgc	aggctgcttc	caggtgtgac	120
cagtaagata	cttcccacat	aatcttctta	ctctttcttc	cctgtttggc	atcccatgtg	180
ctaagaatgg	gaaccctgag	gtcctatatg	tggaaccata	aggtaaagt	ctttgggctc	240
tgaatctcac	acagggctca	ctgagaataa	gaaacatcct	tcttgggctt	tgtatgaata	300
agaaaatact	agcaaatttt	taagaaggaa	gtaattccag	tatttcacaa	acccttccaa	360
agaatagtaa	aaacaaagag	ctttcctttc	ctcgttatct	aaaattagcc	taactttgat	420
agcaaaaacca	gctaggagag	ttgcaaagat	aataatcaga	agccagtctc	actgaacata	480
aatgtgaaaag	tcttcagcaa	aatattagtc	tacttcgtgt	tcacatcttt	cttatgggag	540
actnttttgt	ntgggttggt	ttganatgga	gtttcgcctn	tggttgccca	ggctggagtg	600
caatggccgt	gactttggct	naaccgcacc	tacgcctggg	agacattttt	attttcagaa	660
tggaaccatt	ttctctactg	gtntgggcnc	aaaactagac	tctggattaa	ncctccctg	720
ngggttanga	agtgggcat	ntna				744

<210> 2774
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

<400> 2774

gtctatnctt	tgaanctctt	tgctacttgc	nngntctgtn	tgcaggatcc	catcgattcg	60
aattcggcac	gaggatctct	ttngaggtga	tggtgctntc	cgagctgttt	ctggagatgc	120
tcacagggga	ttttggctat	agagtttata	agatgctact	gagccttcct	gaaaaggctc	180
tgtccccacc	tgaacctgag	aaggaggang	cngccaagga	agaagccacc	aaggagggaag	240
aagccatcaa	agaggacgtg	gtcaangagc	ccaaggatga	ggcacacaat	gagggcccg	300
ctacagagtc	agaggccccg	ctgaaggang	atgggcttnt	gcccnaacca	ctctcttctg	360
ggggagagga	agaatnnaaa	accccggggc	gaggcttctt	gaggacctgt	gtgagatngc	420
cctggaccca	gaactggtgc	ttnngangga	tgatggatag	gaggaagttt	gnaggagcaa	480
agctggatga	tnctgangtn	cggtncngnn	cctaaaccag	tcacagatgg	agttctntnc	540
acttcaagac	atgcccaagg	acntggatcc	ctnntgctnt	gcttccctta	nactgntctg	600
ttccttttag	nggttctttt	gatnccaact	gatgtngctt	ncttgccacc	gccangactt	660
ngnganggaa	ccttcttacc	cttgggatec	cggnttaaat	ggnanaccan	ggccaancca	720
aatggtttac	cnagggnnng	ngaaccnan	aaaaattttn			760

<210> 2775
 <211> 737
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(737)
 <223> n = A,T,C or G

<400> 2775

gggnnnnnnn	nananataca	gntgttcttt	ttgcaggatc	cctcgattcg	ctggaattag	60
------------	------------	------------	------------	------------	------------	----

ttgaccctt

730

<210> 2771
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 2771
 gnnttnanan agctngnnnn nnnctacttg ttcttttttgc aggatcccat cgattcgaat 60
 tcggcacgag cagactcgca ttatggacaa gtcccttctc cccacacaaa ggaagacata 120
 caccgcatag tccatttcat ttcagctcct gatggcatct gaccgccgtg gacacttccc 180
 agnggtntgg cttttggagg gagagtanag cggnggatga tctgtgccag ttggnactc 240
 cttggatatt gnggttatnt ccactggctc tgntgctcct ctgtgttgat tttcattaac 300
 tcatttcacc tnaatgaatt ctggagcctg gctganatng tgntactct ntgncagagg 360
 atcatcatga acaaccctt atgtagcaag ntcccagggt tttttcagaa gtggtgaatc 420
 catgccttgg cattcntgga ttattccatg tcatgtcaga tcattcatna aatnnatatt 480
 gacacatgtc atgtgatgcn ttctatgctg acaccatcag gaattcaaaa nggtgaccac 540
 acgttgntnt gntcctgagg acttccaggg ttanaaaaaan anataaaaaa aacttgaggg 600
 ctntaaaact atatgagtcc natttacgtn gnancngaca tgaatnenga atncattgaa 660
 tgaantttgg ccaanccnn aactatgaat tgccgttgac aaaaaggcct ttttttgnga 720
 aantttgngc tgcttttggn tttaatttgn naacc 755

<210> 2772
 <211> 632
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(632)
 <223> n = A,T,C or G

<400> 2772
 gttgagctgc tcttgntctt ncnctggtn natctgcagg atcccatcga ttcgaattcg 60
 gcacgagccc ttctgagnnt gtccattcat nggtggttct gcccctactc cccnagccct 120
 naatacccca tctgctgttc ctaccnaten nncanccacc ggannntnca ttcagcnntt 180
 tgtctgaccc ctgnageccn gagggngga gcagtgcnn acanctcct tnncaattgc 240
 tggncagacn gctatntgtn nctnanattn aanactttct gtctanttcg anctgacntt 300
 cannactaac gctncaaten gngattcntt ctttaatecn tnaggatatct ntnattnctg 360
 ngctnangan gngccttnaa nngctgagct tacntgcong ngantgnngn tattgngann 420
 anggatnctg acattgnctt gntcacagtc nntntnagcg tgcactgnga tganaanctt 480
 gaccctgacc attanttgc naccgattna ttgctgatg tacanatctt gntgnnanga 540
 ccactgatct agatgntctn atctanatna tcnactgntg acattgtcta aancatcacn 600
 natcaaagtt ttagatgcag tgnttgagaa tc 632

<210> 2773
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>

atatngnagn	gnnagttact	ncancntcnt	gangtggaat	acnnatgaca	tcaatcgagn	420
tnaccatnac	gcanntgtac	tgaganttgn	ganccctctt	ntaccaggca	tatgtcaatg	480
gtcnaanaga	gnccatnnna	cntnnacnt	tntggctnna	tgtnngntcn	ncnttgnan	540
gctntcctnt	gcatgantgg	ganntcaaan	nttcnggacn	ncaatttang	ggncettaann	600
tnaaaggnn	cannctnggg	ctctcnataa	taaccantan	nggnaaaaatc	tgnaaccctt	660
gctctaccta	nnccntaggn	ganccctggga	tttgtnnnnn	naaaantccc	aacccttnan	720
tacttgagan	gntnccnecn	nttttnaagn	nactttgngg	atagcnnccn	aatgtttnnn	780
cnnntcangn	aatccnntgn					800

<210> 2769

<211> 718

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(718)

<223> n = A,T,C or G

<400> 2769

gctcttggtc	tttttgcagg	atccctcgat	tcgaattcgg	cacgaggatc	agtgaaaaac	60
attagtatac	gtttttaaat	aggctaattt	ttcaacttgg	atcattaggc	ttacgtacta	120
cttgtttcaa	atgtgtcaaa	tacaaaaatg	gtaactagg	tgacagatac	tttgtatttt	180
tcttttgaat	tcagacctgg	aatgtaagta	agtgacaatg	cttatggaaa	gccagttagt	240
tagaattgga	aatctgtctt	gtcattttac	aagcattaga	ttcctttcct	gtgtgaagaa	300
agcctcagtg	aaacaggtct	ttgccataac	tttatgaagt	gctacagaaa	gcacaaagaa	360
ttgattcatg	ttcatcaata	cctgctgaga	gtactgtccc	aggaatatcc	agtggatgga	420
ttcatcatcc	aggagggttca	aaagtaagat	ggttttcaaa	tcatttttga	gactgggtgca	480
taacagcagg	gtacctgaaa	agagccttct	gggagttagt	gaactaggta	natgggtttg	540
ntcacatacg	ccccatcaac	ttaaaagtga	atggccttgg	tataaatgan	gtcactatgg	600
acttacccta	aagatcttct	gtacttctgg	cttccatagg	acaaatgata	agtnctactt	660
netcatctct	tngggttatt	aattggaann	cttgcattca	tgggtattga	aattnaaa	718

<210> 2770

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(730)

<223> n = A,T,C or G

<400> 2770

gcaatagttg	cnaatagcna	ggctacttgt	tctttttgca	ggatcccatc	gattcggaatt	60
cggcacgagc	tttttctcac	tgaaatat	aagcactgca	ttttaagaaa	acttccattt	120
cattcgtaga	cttttatctg	gccagatttc	cactctgagg	gcttttcttt	ctagttatct	180
gacaaaccat	aaattttatt	tcctttaagg	gcaaaaccaa	cctccaagca	catttatggc	240
ccatgtttta	agagctggcc	gncctttcta	tcctgtatct	ctgggttaaac	gtgttttctt	300
tntcttggag	caaatttttc	aaagaggggc	taaagctatg	tgttcctctg	gagagaactn	360
ctgcctaccc	agcangaaag	aaaatgccag	agaagcctcc	gacctgggtt	ctgcccctgg	420
tagccaggtc	tcaggctana	agccttcttt	ttggttgcac	tggagtcctt	ctctacctca	480
cctttattgc	acttccctct	tggttcnnat	gtatnctcct	ctgnctnctt	taaagantgg	540
caactttttg	gactttggac	aattcctgtg	tagcaatctg	ggctgatttt	agagaggcct	600
tctgttccctg	cttccaatga	gctgattggg	tgatcagctg	attttattac	ctttccctgg	660
aggaagtana	gtcccaggat	gntgggggaag	gcccnnctggg	gacccctgaa	gccctttatg	720

<400> 2766

cangctactt	gttctttttg	caggatccca	tcgattcgaa	ttcggcacga	gcattttcttg	60
tctttattaa	tttgacttct	ctagggacct	catttaaagt	aaatcataca	gaatttgaac	120
ttttgtatct	ggataaaaaa	tatatacagc	atthttgctga	ctgtaaaagt	tatttttttg	180
ggccgggtac	ggtgggtcat	gcctgtaate	ccagcacttt	ggtaggctga	ggcagggtga	240
tcacctgagg	tcgggagttt	gagaccagcc	tgaccaacat	ggagaaaccc	cgtctctact	300
aaaaataaaa	aattagccag	gcgtgggtggc	acatgcctgt	aatcccagat	actcaggagg	360
ctgaggcagg	agaatcgctt	gaacctggga	ggcggagggt	gcggtgagcc	gagatcgcg	420
cattgcactc	caagccttca	attcctatct	gtgagtaggt	cctcaaggct	tcctctgctc	480
ccagtcggac	aacctatcgg	ctgggacagt	actgattctc	cagctnctct	gcagacatct	540
tcttncaagg	aaccttgctt	gggaaaccca	caccaggcct	ntagaactat	agtgagtcgt	600
attacgtaga	tccagacatg	ataagataca	ttgatgagtt	tggacaaacc	acactagaat	660
gcagtgaaaa	aaancttatt	gngaaattgn	gaagctatgc	tttatttgaa	cc	712

<210> 2767

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 2767

ggnttttgc	aatnctaggc	tacttgttct	ttttgcagga	tcccatcgat	togaattcgg	60
cacgagcagc	tactcgggag	gctgagggca	caagaattgc	ttgaaccg	gaggcagagg	120
ttgcagttag	cagagattgt	gccaccgcac	tccagcctga	atgacagagc	gagactccac	180
ctaaaaaaag	taaaagaaaa	aaaagaggaa	gaattagcac	atttctatta	cagaattgga	240
cttgaacatg	caaaatcatg	tctggatttc	tcagtgaaaa	gctgttttac	gttagtggac	300
tcttctaaca	ttttgaaatg	gtgatctgga	tttgggatct	ggctatcact	gacccacctt	360
gggtctgtga	atgaccaact	cacctaggng	ggagtcagtt	accctgccn	tacantggcc	420
catggancac	ctgcggnaag	aangnntttn	tgcttactga	ttcttnccatc	tatggtgtcc	480
aattgggaag	gacctgngc	cattgactga	nctctntgag	ggttggtatn	aagcttggtg	540
atccattctc	atgactactg	ggaaatttct	gtgaatttga	ccctgcccct	gaactccaag	600
gcagcttttc	ccctnnaaag	gtnaaatcca	anccctatta	taactggggg	ganttggtng	660
acaaaatttt	ngggctantt	taccgaccaa	anttttctnct	gncctanaaa	tgttcgnacc	720
cnncccgan	tttggnnggc	ttcaccacct	c			751

<210> 2768

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(800)

<223> n = A,T,C or G

<400> 2768

gtaanntttc	naatgcttgg	ctactcganc	tctntgcagg	catcccatcg	attcgtntct	60
cntgtntang	tcgncncagn	ccttantngg	gatacttaaa	tntactatth	ttncnngta	120
ctctcnagga	tttgatattg	acttncnaga	tnnanatgng	nnaactnatn	ngagnataat	180
ccntgaacag	nnthttgttc	ncncatnctt	ggagaggncn	tgntatatnc	agntcatgca	240
acactatcna	ntnaggggtat	nncccgncat	ccatagtga	tnatngntaa	nccactngag	300
ggntncttan	nnatntctgt	nnagcncaga	ccncnatnan	nangannaag	agcactngnc	360

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(734)

<223> n = A,T,C or G

<400> 2764

anngttnatg	aagcncctttg	naannnccnn	cnangagncc	tcgatncgca	atgaactact	60
ctgcagcctc	attttttaaa	aatgagata	ggtnagtgtg	gatataaata	actgtccaac	120
atatatagct	gagtaacana	aatagcnaac	tagaaaacna	tgtattatnc	catntgtgct	180
gaaatatgna	tgntggtagt	tgnaaatatg	tatggntgta	tagacagatc	tttncataaaa	240
ttttttcatt	nntaatnnnn	gtgggtacat	actangtata	tatntttgng	gggtcctgag	300
gtattttgat	acaggcatgc	aatgtgaaat	aatcacatnn	ncntnnntgg	ggatatccatc	360
ccncaagca	nttgatctnn	tgtgtgcaaa	cattccaann	gnatnccttt	agttntccat	420
aaatgngcaa	tnaanntngn	ctatngtcnc	tntggagann	natcngnant	natctcaatc	480
nncccatntg	tnacttganc	cattgaccat	tcccaccaat	cctgaatgcc	tcantaccct	540
tctcaccnat	ggnnctcttg	cttatangct	ntntgtcnat	gagttcaatc	gtagtgantt	600
taganncngg	acttccatgc	gaacatgntn	aaggccggcc	tntntggcct	ggncctactt	660
aatnaacca	taattatgcc	natgacagga	acggatactn	tgctaacggc	cnnatagttc	720
cncatttggg	accc					734

<210> 2765

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(728)

<223> n = A,T,C or G

<400> 2765

ggnnnnntnt	nnaatatacag	ctacttggtc	tttttgagg	atcccatcga	ttcgaattcg	60
gcacgagtag	ggctcttagta	ctgggttgagg	cataattata	ctcagtgttt	gggcctctgc	120
taaaattcta	agacgataag	aatatcagtt	taagttctgt	tacagttggt	ttcatgaagc	180
ttgtaagatt	gatatttaag	tggacaaagt	gggaagtagt	cagttttcag	ggctccaggg	240
gtcatcactt	tgtgctcaga	gtacagctgt	caactagtga	tttggtgcat	ttagacaagg	300
aacaggagca	aagggcctat	ttcaagaggg	tcatagacac	tgccctgtga	taagtgaatg	360
gctagagggt	ttcttggtta	actgaagtc	ttttcacatt	tttagctttt	tctgtggcaa	420
cctgtctttt	acagaagcta	ctcatgaact	ctggcttttc	attttcaggg	ttgggctgga	480
cattctttga	tttntngntt	tgnttngntt	tctgagacag	agtctctctc	catcacccag	540
ctggagtgca	ctggcgtgat	ctcgctcact	gcaatctctg	tctctcgggt	cnggtgatct	600
cctgcctcag	ncnccgagt	agntgggact	gcagtttcat	gctacacgcc	caggtaaatt	660
tttgngattt	tgatagaana	cagggttttg	ncatgttggc	cgggctgnct	cnaactcctg	720
acctnaat						728

<210> 2766

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(712)

<223> n = A,T,C or G

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tttttgtttg gttttt gatg ggagggaaag agtactgaaa tgtttt gtaa atttttttta 660
atgtgctgct aggttttttg tttt gtttgg tctgaagaga agagtgggtcc atatgttgca 720
ggaagt 726

```

```

<210> 2762
<211> 710
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (710)
<223> n = A,T,C or G

```

```

<400> 2762
cntnctttg aanttgnaaa tngctnngct acttgttctt tttgcaggat cccatcgatt 60
cgaattcggc acgaggtcac tctgtcaccc aggtctggagt gcagtgggtg gatcatagct 120
cactgcagcc tctacctcct gacacaagct gtcaccccg cttggcttct caaagtgtca 180
ggattatagg cgtgagccac catgcccgc cagtttctgc ttttattaaa attgttcaca 240
gttttataca ttcattgttca ttaaaaatgc tatttagaaa agagtttgat aaaataaata 300
ttatacaaaa ttcgaagaaa aaagaaaaga gtttctgttt cagtcacaaa ttaggggttat 360
tgtgatgtgt atttatgatg accattgaac aaatgtgaag aatactgtga attctatgac 420
tttatcaaaa tcagccacat ccaggagctt gcagttgttg accaaatgaa tgatgacata 480
gagtagttca gatctatcat gtgctcttct atctaatacag tcaatatttc cttggccctc 540
aagccaacat tcatttttta tgtataacct tcttcatgat tttgaaattt tgatagggtta 600
actgctaata agttcacaaa tgtagcactt taaaaggaaa ataaatggag agtgaaaaca 660
acttgggtac gtataattgt ggggttttaa ttttctgggt ttaaaanaaa 710

```

```

<210> 2763
<211> 740
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (740)
<223> n = A,T,C or G

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<400> 2763
gnaaatnngc tcnnntgcng ctnccttgnct tttttgcagg atcccatcga ttcgttttga 60
cattgttaca agtaagcagc tttattgggt cttttactta cgtctttaaa tatatggagc 120
aacagtacgg tcagtctgca tctcatgcta actttttgtt gggaatcata accattccta 180
cggttgcaac tggaatgttt ttaggaggat ttatcattaa aaaattcaaa ttgtcttttag 240
ttggaattgc caaattttca tttcttactt cgatgatata cttcttgttt caacttctat 300
atttccctct aatctgcgaa agcaaatcag ttgccggcct aaccttgacc tatgatggaa 360
ataattcagt ggcattctcat gtagatgtac cactttctta ttgcaactca nagtgcaatt 420
gtgatgaaag tcagtgggaa ccagtcgtgt ggaacaatgg aataacttac ctgtcacctt 480
gtctagcagg atgcaaatcc tcaagtggta ttaaaaagca tacagtgtct tataactgaa 540
gttggtgnga agtnactggg nctncaganc ngaaaattac tcancgcact tgggggtgaat 600
gcccagagaga taatacttgt ccaanggaaa ttttcatct atgttggcag ttcaggncct 660
aaaactcttn ggctctctgg acaaggaggn nccacattaa tttggtnact gtgaanatgg 720
ttcnnectga attggnnaagg 740

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<210> 2764
<211> 734
<212> DNA

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aggattgcc	gaggccagga	atttgagatc	agcctgggca	acatagtga	actctcatct	180
ttataaaaa	taataaaaa	atTTTTAAAA	gtgtataaac	tgtaaagtat	atTTTactgg	240
tgTTTTcttc	cttattccta	cttgtcagat	gcaaatacac	atTTTTgtgt	gtttgtgttt	300
agtaattata	agtatacata	tttcttctat	ttcatatatt	tctatgacat	tatatcttag	360
atgtgtaatt	tatgaactac	tactggatta	ttttaatcca	ttagaaatta	ctattcacgc	420
attctgtatt	caattcatgt	gatagcta	atatttggtt	ttaaagtcat	cttattttgt	480
ggTTTTcttc	taggctgttt	tttgtgcttt	ctTTTTAAAA	tatatagggt	ttaataatct	540
taattttctt	ttagtttgaa	atgtatatac	tcattttatt	cattagtcta	agataaagaa	600
ttgtaacact	tctctaacct	attatanaat	tgntaatacc	tttacccttc	tcttgaacac	660
atcaaaaagga	tgtcattgag	tgttgggtatt	ggagtatagc	atatctatta	ttcng	715

<210> 2760

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (706)

<223> n = A,T,C or G

<400> 2760

ctttaaactct	caagctcttg	ttcttttttgc	aggatcccat	cgattcggga	gagaaacctt	60
atggatgcat	tgactgtggc	aaggccttca	gccagaagtc	ttgccttgta	gcacatcaga	120
gatatcatac	aggaaagact	ccctttgtat	gtcctgaatg	tgggcaaccc	tgttcacaga	180
agtcaggact	cattagacat	cagaaaattc	actcaggaga	gaaaccctat	aaatgcagtg	240
actgtgggaa	agccttcctt	acaaagacaa	tgctcattgt	acatcacaga	actcacacgg	300
gagagagacc	ctatggctgt	gatgagtgtg	agaaagctta	cttctatatg	tcttgccttg	360
ttaaacataa	gagaatacac	tcaagggaga	aacgggggga	ttcagtgaag	gtggaaaatc	420
cttccacagc	aagtcacagc	ttaagtcccta	gtgaacatgt	gcaggggaaa	agccctgtta	480
atatggtaac	tgtggcaatg	gtggcagggc	agtgtgagtt	tgcccacatc	ctgcattcat	540
gataaacagt	ttgctgtttg	atcatatagc	ctncagcgga	atgctgagtt	tgctcatgcc	600
catgggcctt	tggctccctg	cactaatatg	tatagctagg	tttacaagat	atgaaatata	660
ttttactttt	ttatatctta	taaaccctcac	taccctctcc	acaata		706

<210> 2761

<211> 726

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (726)

<223> n = A,T,C or G

<400> 2761

tnnnnnTTTT	ntaatcnngn	nttnnctttg	caaatecgana	ngctacttgt	tcttttttgca	60
ggatcccac	gattcgaatt	cggcacgaga	tgggtgttttc	acctggaagc	tgagaagaaa	120
ggggcttttaa	tggaaacaaat	agcacatcaa	gctgttgtaa	tgcagtttat	tatggaaatg	180
gccaaaaact	gtaatgtgga	tccaagaggg	tgTTTTctgtt	tattttttcca	gaaagccaaa	240
gcagaggaag	aaggttattt	tgaagcattc	aaaaatgaac	ttgaagcttt	caagtcaaga	300
gtaagacttt	attctcaatc	acaaagtttt	caacctatga	cagttcagaa	tcatgttccc	360
cattctgggtg	ttggatctat	aggtttatta	gaatccttac	cacagaatcc	agattatctt	420
cagtattcta	tcagtacagc	tctctgcagc	ttaaactcgg	tggtacataa	agaagatgat	480
gaacccaaaa	tgatggacac	tgtataattt	gggttaagact	gctgaggcca	agtgtctatt	540
tgttacaaga	aaggaagaac	ttggctatatt	tcttgacact	tttatgggtg	ctgcacttta	600

<220>
 <221> misc_feature
 <222> (1) ... (710)
 <223> n = A,T,C or G

<400> 2757

tntatntaca	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgagac	60
caagagaacg	cggtcagaag	gaggtggaac	tggggagtcc	tctcagggag	ggacaagcaa	120
aagactcaaa	gtagatggac	agaaaaactg	ctgtgaggag	gggaaagagg	agcagcaggg	180
atgtgcaggg	gacggtgggg	aagacagggg	agaagagatg	gttatagagg	ttggagagat	240
ggtgcaggac	tgggccatgc	agagccctgg	gcagccaggg	gacctgcccc	tgaccactgg	300
aaagcatgga	gcccctggag	aagaggggca	gcccagccac	gcagccctgg	cagagcgggg	360
gcccagggga	catgaggcag	cccaagaatg	gtctcagggg	gaggcagggg	agggggcatc	420
cctgcccccc	tcagcgagct	ggcgctgtgc	cttgtggcac	cgagtgtggc	aagggcggcg	480
gcgagcccg	agacgcttgc	agcagcaaac	caaggagggg	gctggaggtg	gcgctggcac	540
aagagcangg	tggctggcga	ctgaagctca	ggtcacccan	gagctgaaag	gactgaatgg	600
tggccaaaga	aaggcccaga	aactgagccc	ctgctgaact	tttgtggccg	tcttgtcttc	660
ccggtgacc	cgaatgctta	ctgtgacccc	gcttcangat	ccccaaaggnc		710

<210> 2758
 <211> 716
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (716)
 <223> n = A,T,C or G

<400> 2758

tnnnnnnttca	aatngnnagc	tcttgttctt	tttgcaggat	cccatcgatt	cgaattcggc	60
acgagccaga	gctggcagaa	gaaaacagta	aagcttagag	tagaaataaa	tgaataaaag	120
aacagaaaaa	tatagaaaat	caaaaataacc	aaaagttggc	tctttgaaaa	gatcaacaaa	180
attgccaacc	cttttaagta	gacaagaaag	aatgaattgt	tggtggtgca	gtggtgagca	240
tagctgcttt	tcaagaacaa	aaaagactca	aatgactaaa	atcaagaatg	atcaagaatg	300
agagagtaga	cattactaca	gatcttacag	aatgaaagg	attattaatg	agtactgtga	360
acagttgcat	gccaaacaaat	agtctaagtg	aactagacaa	atatctagaa	agacacaaaa	420
caaccaaaaac	cgaatcaaga	aaaaaatata	aaatctgaat	acacgtataa	caagtaaaga	480
gattaaattg	gtaccacaaa	gaaaaactgt	caccaaggta	aagtccagac	ccagatggct	540
tttttggtga	attccaccaa	atgtttaagg	gagaattaac	accaaatacta	aaactaaacc	600
agacagagac	attgcaagaa	aaccacagac	caatatccct	tatgaatata	gatataaaat	660
cctcaacaaa	gtactagcaa	atcaagtcca	tgaacatata	caattctatt	ttactt	716

<210> 2759
 <211> 715
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (715)
 <223> n = A,T,C or G

<400> 2759

gtnnnncttc	aaatcgcttg	gctactcgnt	ctntntgcag	gatcccatcg	attcgaattc	60
ggcacgaggg	gtgcagtggc	tcactcctat	aatcccagca	ttttggaagt	cctatgcagg	120

aaatctg

727

<210> 2755
 <211> 708
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(708)
 <223> n = A,T,C or G

<400> 2755
 cttcaaatcg ctnggctact tgttcttttt gcaggatccc atcgattcga attcggcacg 60
 agggcagacc atccacatca gtttcagaga aaaacaataa tcttgtttgt gccgtgatga 120
 agaggactga cagctaacag cagaaacaat agtcaggagg ttgagaacag gctgggtaac 180
 atggtgaaat gccatctcta ttaaaaatac aaaaattagc taggtatggt cgcagacacc 240
 tgtaaatcca gtccttggg aggetgaggt gggagaatcg cttgaaccca ggaggtggaa 300
 gttgcagtga accgatagt ccattgcact ccagcctggg caacaagagt gaaactttct 360
 ctcaaaaaaa aaaaaaaaag atgtcaagcc ccttctcttc ctttctccac catcatggtg 420
 tgtacttgac tctgcttctc accagatctt ctcataagac tatcaggatt aagcaattcc 480
 tggccaagaa aaaaagcaaa attgttccat tccccagtgg attcagatga aaactggtaa 540
 taaaatcagg tacaacttta aaaggagaca ttggagaaga accaatccgt gtctataagg 600
 aattgtcatg agatggcaca catttttatg ctgtctgagc attcaatcac gttaccatat 660
 caagcagaaa atgtcaccat tatctggaga gttggacatg ttttattg 708

<210> 2756
 <211> 730
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(730)
 <223> n = A,T,C or G

<400> 2756
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 tcgaattcgg cagcagccca cactcggaca ctgtggaatt ctaccagcgc ctgtcgaccg 120
 agacactctt cttcatcttc tactatctgg agggcactaa ggcacagtat ctggcagcca 180
 agggccctaaa gaagcagtca tggcgattcc acaccaagta catgatgtgg ttccagaggc 240
 acgaggagcc caagaccatc actgacgagt ttgagcaggg cacctacatc tactttgact 300
 acgagaagtg gggccagcgg aagaaggaag gottcacctt tgagtaccgc tacctggagg 360
 accgggacct ccagtgcac cggccccctnc ctctaccac ccccttcccc cgcagtctga 420
 tccccctgcc caggttaagg ccctgccttg gaagactgga gggaggcccc aagccacggg 480
 gcattccccct ctcccaggaa gcaggagggg ggccgggagg ttttcctctc aagccccacc 540
 ctggggggccc gggggcgagg gctgccccct cctccccctc ccagtggagg acattttttg 600
 gtaaaaccta ttttcatttt ggaaaatatt tatgaataaa tagttttata tgaaaaaaat 660
 tntngnnntt nnnatnnnan aataaaannc tcgnncctct taaaactata gtgaagtcgt 720
 attaccttag 730

<210> 2757
 <211> 710
 <212> DNA
 <213> Homo sapiens

gttttataca	ttcatgttca	ttaaaaatgc	tatttagaaa	agagtttgat	aaaataaata	300
ttatacaaaa	ttcgaagaaa	aaagaaaaga	gtttctgttt	cagtcacaaa	ttaggggttat	360
tgtgatgtgt	atztatgatg	accattgaac	aaatgtgaag	aatactgtga	attctatgac	420
tttatcaaaa	tcagccacat	ccaggagctt	gcagttgttg	accaaataaa	tgatgacata	480
gagtagttca	gatctatcat	gtgctcttct	atctaatacag	tcaatatttc	cttggccctc	540
aagccaacat	tcattttttta	tgtataacct	tcttcatgat	tttgaaattt	tgatagggtta	600
actgctaata	agttcacaaa	tgtagcactt	taaaaggaaa	ataaatggag	agtgaaaaca	660
acttggtctac	gtataattgt	gggggttttaa	ttttctggtt	ttaaaanaaa		710

<210> 2753

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 2753

tnnncttcaa	atcgntngct	cttgttcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgagagatta	tgagcatgta	gaagatgaaa	cttttctctc	tttccacact	ccagcctctc	120
cagagagaca	agatgggtgaa	ggaactgagc	ctgatgaaga	gtcaggaaat	ggagcacctg	180
ttcctgtacc	tccaaagaga	acagttaaaa	gaaatatacc	caagctggat	gctcagagat	240
taatttcaga	gagaggactt	ccagccttaa	ggcatgtatt	tgataaggca	aaattcaaag	300
gtaaagggtca	tgaggctgaa	gacttgaaga	tgctaatacag	acacatggag	cactgggcac	360
ataggctatt	ccctaaactg	cagtttgagg	attttattga	cagagttgaa	tacctgggaa	420
gtaaaaagga	agttcagacc	tgttttaaac	gaattcgact	tgatctccct	attttacatg	480
aagattttgt	tagcaataat	gatgaagttg	cggagaataa	tgaacatgat	gtcacttcta	540
ctgaattaga	tccctttctg	acaaacttat	ctgaaagtga	gatgtttgct	tctgagttaa	600
gtagaagcct	aacagaagag	caacaacaaa	gaaattgaga	gaaataaaca	ctggccttgg	660
aaagaaggca	ggcaaagctg	ctgagtaata	gtcagaccct	aggaaatgat		710

<210> 2754

<211> 727

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(727)

<223> n = A,T,C or G

<400> 2754

gtnnnnntttt	ctaanttggn	ncttnaaatt	nctaancgct	tgttctttnt	gcaggatccc	60
atcgattcga	attcggcacg	agcttacttt	gatcctcgtg	aggcataccc	agatggaagt	120
agcaaagaaa	agagaagagc	agcaattgcc	caggccttag	ctggcggaagt	cagtgtggtg	180
cctccatctc	gtctcatggc	attgctggga	caggcactga	agtggcagca	gcatcaggga	240
ttgcttctct	ctgggtatgac	catagatttg	tttcgaggca	aggcagctgt	caaagatgtg	300
gaagaagaaa	agtttctctac	acaactgagc	aggcatatta	agtttggtca	gaaatcacat	360
gtggagtgtg	ctcgattttt	tccagatggg	cagtatttgg	tcactgggtc	tggtgatgga	420
ttcattgaag	tatggaactt	tactactgga	aaaatcagaa	aggatcttaa	gtaccaggcc	480
caagataact	ttatgatgat	ggatgatgct	gtcctctgca	tgtgtttcag	canagataca	540
gaaatgttag	caactggggc	ccaagatgga	aaaatcaagg	tgtggaagat	tcagagtggga	600
caatgtttta	ngagatttga	ganggcacac	agtaagggtg	tcacctgtct	aaacttttct	660
aaggatagca	gtcagatcct	taatgcttct	tttgaccaga	caattagaat	tcatgggtta	720

<223> n = A,T,C or G

<400> 2750

tnnncttttt	aaacctgcnt	tcaattncn	agacnctngg	ctctngntct	ntntgcagga	60
tcccatcgat	togaattcgg	cacgagnaag	aaaggctgcc	tttgagttga	ccaaccatgt	120
tgaggtggta	gatgggtgct	aaactcactg	tagtctgagt	aattgacttc	cacaagtcac	180
ccccactgtt	gagcctttca	aaatgaagtc	tcagtatatt	tacaaattaa	tggacatcct	240
ctctggggat	tagtcatatt	ctaattcaac	aaagacattg	tttgaagttt	gtttttgttt	300
gctaaatgaa	ctaaaaatta	tgagatttgc	acctaaaggt	actgaggtaa	aggagagcca	360
aaagtggggg	agtcaatcta	cttattcaga	atgagtcgat	aatttaaaca	tgtctaatag	420
cagagacagt	atattataga	aatggcatta	cattctctga	gatctgcttt	tactgaagtg	480
gatcaatgat	gaaactagcc	aaatctgagc	atcanaaggc	tttccggtct	acctgatgca	540
tgatctctac	agttctgaga	agcagaacta	taaaacaatg	taaaacaata	agggcatatg	600
tctggtgtgt	gtgtgggggg	tgtgtgtgtg	tntnntnann	cncgtnnntn	nnancnnann	660
ntnncnannt	ntgattncnn	ttntctctnn	nnntttnnnn	tnnttcttna	atnnncac	718

<210> 2751

<211> 726

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (726)

<223> n = A,T,C or G

<400> 2751

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caggatccca	tcgattcgaa	ttcggcacga	gagnaataac	taccagacaa	catttggttaa	120
aactcaggac	agtatgtatt	ttaaaggagc	aagtgcattg	gtgaaaatgg	ctcattcagt	180
ttataaaaa	ttacattaaa	tttgagggtt	ctgttttttt	tcttttgtga	cagtcttgct	240
ctgttcccc	tgetgtagt	cagtggcacc	agttcacctc	actgtaactt	ccacatcctg	300
gtttcaagca	atthgtgcct	cagcctccca	agtagctggg	attacagtca	tgccaccatg	360
tccagataat	ttttatattt	ttttgtagag	atgggtgttt	accatgtttg	ccaggctgat	420
ctcaagctcc	tggcctcaag	tgatttgcca	ccttggcctc	acacgttgct	gagattacag	480
gcatgagcca	ccacacctgg	ccaatggggc	gtttcttaaa	atagctacta	gactatgacg	540
tttatcctaa	ggtttgaagt	ctatcatctt	ccttacatat	ccttcattgt	ggtatctggg	600
aatgaatcaa	caagatgaga	gagccttctt	cattcagttg	ggctccttca	tttccatgct	660
tcctgaagat	taaggncact	gaatttaaaa	ttcaatatcc	tgtgagttac	acaccatgga	720
gtaacn						726

<210> 2752

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (710)

<223> n = A,T,C or G

<400> 2752

cntnnctttg	aanttgnaaa	tngetnggct	acttgttctt	tttgcaggat	cccatcgatt	60
cgaattcggc	acgaggtcac	tctgtcacc	aggctggagt	gcagtgggtg	gatcatagct	120
cactgcagcc	tctacctcct	gacacaagct	gtcatcccg	tttggcttct	caaagtgcta	180
ggattatagg	cgtgagccac	catgccccgac	cagtttctgc	ttttattaaa	attgttcaca	240

<210> 2748
 <211> 716
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (716)
 <223> n = A,T,C or G

<400> 2748

tnnnnnntttt tnaaccagnn ttcnaatcct tggcggnnagg ctacttggtc tttttgcagg	60
atcccatcga ttcgaattcg gcacgagaag aaaggctgcc tttgagttga ccaaccatgt	120
tgaggtggta gatgggtgct aaactcactg tagtctgagt aattgacttc cacaagtcac	180
ccccactggt gagcctttca aaatgaagtc tcagtatatt tacaaaattaa tggacatcct	240
ctctggggat tagtcatatt ctaattcaac aaagacattg tttgaagttt gtttttggtt	300
gctaaatgaa ctaaaaaatta tgagatttgc acctaaagggt actgaggtaa aggagagcca	360
aaagtggggt agtcaatcta cttattcaga atgagtcgat aatttaaaca tgtctaatag	420
cagagacagt atattataga aatggcatta cattctctga gatctgcttt tactgaagtg	480
gatcaatgat gaaactagcc aaatctgagc atcagaaggc tttccggtct acctgatgca	540
tgatctctac agttctgaga agcagaacta taaaacaatg taaaacaata agggcatatg	600
tctggtgtgt gtgtgggggg tgtgtgtgtg nnnnnnnnnn nnnnnnnnnn nnnngnnncnn	660
nnnnngnnnn nnnnnnnntnn nnnnnngnnn nnnnnnnnnn nnnnnnnnnn nnnnnc	716

<210> 2749
 <211> 718
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (718)
 <223> n = A,T,C or G

<400> 2749

tnnncttttt aaacctgcnt tcnaattncn agacnctngg ctctngntct ntntgcagga	60
tcccatcgat tcgaattcgg cacgagnaag aaaggctgcc tttgagttga ccaaccatgt	120
tgaggtggta gatgggtgct aaactcactg tagtctgagt aattgacttc cacaagtcac	180
ccccactggt gagcctttca aaatgaagtc tcagtatatt tacaaaattaa tggacatcct	240
ctctggggat tagtcatatt ctaattcaac aaagacattg tttgaagttt gtttttggtt	300
gctaaatgaa ctaaaaaatta tgagatttgc acctaaagggt actgaggtaa aggagagcca	360
aaagtggggt agtcaatcta cttattcaga atgagtcgat aatttaaaca tgtctaatag	420
cagagacagt atattataga aatggcatta cattctctga gatctgcttt tactgaagtg	480
gatcaatgat gaaactagcc aaatctgagc atcanaaggc tttccggtct acctgatgca	540
tgatctctac agttctgaga agcagaacta taaaacaatg taaaacaata agggcatatg	600
tctggtgtgt gtgtgggggg tgtgtgtgtg tntnntnann cncgtnnntn nnancnnann	660
ntnncnannt ntgattncnn ttnntctnan nnnnttnnnn tnnttcttna atnnncac	718

<210> 2750
 <211> 718
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (718)

ttcagtagaa	tcccaggggtc	aagaaatttc	aggaaccga	agacaacagt	tgctgctgat	480
gctagaagga	ctagtagatg	aacggagtcg	gctcaatgag	gccttacaag	cagagagaca	540
gctctatagc	agtctggtga	agttccatgc	ccatccagag	agctctgaga	gagaccgaac	600
tctgcaggtg	gaactggaag	gggctcaagt	gttacgcagt	cggctagaag	aagttcttgg	660
aagaacttgg	agcgcttaaa	caggctggag	accctggccg	ccattggang	tnggggaact	720
ggaaagt						727

<210> 2746

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 2746

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gcacgaggtt	gctgtcactt	ggatttctag	ctttggggagc	ctgttccacc	tactcagctc	120
tgcattgagc	agtatgggca	catgccctgt	ggacagttac	tggacgttaa	tgaactcaga	180
ggagaaaagc	agtgaaccac	ttgttctgtg	tgatttatgg	tacttcattg	ctcttccttc	240
acctctagtc	actttctatt	gctacctgcc	ctacattggc	tcttgccaag	gtccctctct	300
ctccctgttt	tccttttttt	ttttttttga	gacggaggac	ggagtcttgc	tctgtcgccc	360
agggttgag	gcagtggcgc	gatctcggct	cactgcaacc	tccacctccc	gggttcaagc	420
gattctcctg	cctcagcctc	ccgagtagct	gggactacag	gcgcgcgcgc	ccacgcccgg	480
ctaattttta	tatttttagt	agagacgggg	tttcaccatg	ctggccaggc	tggtctcgaa	540
ccccgacctc	gtgatccgcc	tccttagcct	cccaatcctc	tcttaaaaaa	gtgatagctc	600
agaaatattt	gtaaaagcaa	ggtttttatt	tcatttttgg	tctgcatttt	cagaggcaaa	660
gaagtttggc	ctgtaaaata	gagtgtctaga	gctcttacct	cctccc		706

<210> 2747

<211> 807

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(807)

<223> n = A,T,C or G

<400> 2747

ggnnnnnggg	ganttttagat	cagctcttgt	tctttttgca	ggatcccatc	gattggaatt	60
cggcacgagg	tgtgtgtgtg	tgtgtgtgta	gaggagagaa	agagaccatt	atcatatgag	120
tgtgttgggg	ctgctgagag	ggtttcgttt	acaagtgacc	ttgagtgtat	ttcatctctg	180
gaatgcatgg	tccctgcgct	caagctacac	aatctgatta	gtgaagtatt	actaatcac	240
tagaaaaata	tacatagtaa	ttaccaaagt	actgacacaa	ttttataggg	ggttcanaga	300
aacatctgtg	aatgggtaat	aatgaaaaaa	gaaaagnttt	tctctttgtt	ntagtctgac	360
ccttttaaca	gtctctattc	ataatgtgag	gaaatcgcta	caaaaactga	aatattgtan	420
atactgttca	ttngcatatg	gaaatacttg	tatgctgtgt	gttgttcttt	catgggacaa	480
actctacccc	tnctctntnc	acacacatat	anccaagcta	taagttagcc	tanctttcgc	540
cataggaagt	tgttggtctt	tttantgaga	agtcaaagaa	cctggcttgn	taaaagtctt	600
tataagaaan	naananttnc	tttnnnntta	nnntnnncnn	atgntnnntn	annnnnnntt	660
nnnnntnacn	nnnanannnn	annanttnnc	naancatatt	antgtnanan	annnnaatat	720
nnnanantnn	tttnnancnn	ngnntntntn	nnnaannnnn	annnntnann	nnantnttan	780
nnaattnncn	nnntntntnn	gnnnncng				807

<210> 2743
 <211> 709
 <212> DNA
 <213> Homo sapiens

<400> 2743

cagctcttgt	tctttttgca	ggatcccatc	gattcgttga	gacggagttt	caccatgttg	60
gccaggatgg	tcttcaactt	ctaacttcgt	gatccacgct	gctgggatta	caggtgtgag	120
ccaccgcgtg	tggcctctgg	gcaccttttg	aagctgaagc	agagagagaa	ggcggcaggc	180
atcagcgttt	tcttctatga	acttataaga	tcaaagactt	taagactttc	actatttctt	240
ctaccgctat	ctactacgaa	cttcaaagag	gaaccaggag	tacggaagga	gcatgaaagt	300
ggacaaggaa	cgtgaccatt	gaagcaccac	agggaggggt	tcaggcctcc	ggatgactgc	360
aggcaggcct	gggtaacatc	cagcctccca	caagaagctg	gtggagcaga	gcgttccctg	420
actcctccaa	ggaaaggaga	ctccctttcc	cggctctgctc	agtaacgggt	gccttcccag	480
acactggcgt	taccgcttga	ccaaggggcc	ctcaagcggc	ccttatgcgg	gcatgacaga	540
aggctccctt	cttgcccttct	attcacttct	cacaatgtcc	cttcagcacc	tgaccctata	600
cctgccgggt	attcctaggt	tatattatta	atgcaacaga	gtaatattaa	aagctaataa	660
ttaataatgt	ttataataat	gatggataat	tggtcatgat	catcgctgg		709

<210> 2744
 <211> 709
 <212> DNA
 <213> Homo sapiens

<400> 2744

cagctcttgt	tctttttgca	ggatcccatc	gattcgttga	gacggagttt	caccatgttg	60
gccaggatgg	tcttcaactt	ctaacttcgt	gatccacgct	gctgggatta	caggtgtgag	120
ccaccgcgtg	tggcctctgg	gcaccttttg	aagctgaagc	agagagagaa	ggcggcaggc	180
atcagcgttt	tcttctatga	acttataaga	tcaaagactt	taagactttc	actatttctt	240
ctaccgctat	ctactacgaa	cttcaaagag	gaaccaggag	tacggaagga	gcatgaaagt	300
ggacaaggaa	cgtgaccatt	gaagcaccac	agggaggggt	tcaggcctcc	ggatgactgc	360
aggcaggcct	gggtaacatc	cagcctccca	caagaagctg	gtggagcaga	gcgttccctg	420
actcctccaa	ggaaaggaga	ctccctttcc	cggctctgctc	agtaacgggt	gccttcccag	480
acactggcgt	taccgcttga	ccaaggggcc	ctcaagcggc	ccttatgcgg	gcatgacaga	540
aggctccctt	cttgcccttct	attcacttct	cacaatgtcc	cttcagcacc	tgaccctata	600
cctgccgggt	attcctaggt	tatattatta	atgcaacaga	gtaatattaa	aagctaataa	660
ttaataatgt	ttataataat	gatggataat	tggtcatgat	catcgctgg		709

<210> 2745
 <211> 727
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(727)
 <223> n = A,T,C or G

<400> 2745

tnnnnnnttt	tnnanttgaa	tncttggctc	tcgttctttc	tcaggatccc	catcgattcg	60
cagagatgat	agcacttcat	tgactgccaa	agaggatgtc	agcataccca	gatccacatt	120
aggagacttg	gacacagttg	cagggctgga	aaaagaactg	agtaatgcca	aagaggaact	180
tgaactcatg	gctaaaaaag	aaagagaaag	tcagatggaa	ctttctgctc	tacagtccat	240
gatagctgtg	caggaagaag	agctgcaggt	gcaggctgct	gatatggagt	ctctgaccag	300
gaacatacag	attaaagaag	atctcataaa	ggacctgcaa	atgcaactgg	ttgatcctga	360
agacatacca	gctatggaac	gcctgacca	ggaagtctta	cttcttcggg	aaaaagtgc	420

tatagtatttt	agtacagtag	ataatacatt	gactatgtag	catatagtgg	tgatattgag	420
tatagggcat	gtcgtgtttt	gaataataga	atatattttt	gtaaataaat	ctgttacttc	480
tcttagcgca	gcccagtcac	tttgagaca	aaggagctga	ggccaagaga	ggagtgactt	540
ttataagggt	catttttcaa	ccagctttgt	cagaaaattg	tcagttcttt	tttttttttt	600
tttttgccag	aaaattgtca	gttctatagt	aaccagcatg	cttacctctt	tggttttata	660
ttaagggtgt	gatagcaaaa	ttgaatattt	gaaaatgtca	tttc		704

<210> 2741

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 2741

tncnaanggn	tngnantcnc	ctctnngnag	gancccntcg	attcgaattc	ggcacgaggt	60
caagcctgta	atcccaacac	tttgggttna	ccgaggtggg	ggtatctgat	tgagcctnng	120
aggctgagat	cagcctggga	aacacagggg	ggcccccatc	gctacaaaat	attttaaaaa	180
ttagccaggt	gtggtggctt	gtgcttggtg	nccccggctac	ttgggaggct	gaagtgggag	240
ggtggcttga	gtncaggagt	tactgcact	gagctgtgat	cacaccactg	cactccagcc	300
tggacgacag	agtgagacgt	ccatctcaaa	aaaaaaaaata	aaaaactcga	gcctttanaa	360
ctatagttag	tcgtattacg	tagatccaga	cntgataang	atacattgat	gagtttggac	420
aaaccacaac	tagaatgcag	tngaaaaaaa	tgctttattt	gtgaaatttg	tgatgctntt	480
gctttatttg	tanccattat	nagctgcnat	aancaagttt	aacaacnaac	aattgcatnc	540
attttatgtt	tcangttcaa	gnngggaggt	ctgggnnaagn	tttttttnatt	tnnccggcng	600
ctggcgccat	tggcattggg	ccccggtncc	ccaaactttt	ngtccccctt	ttatctggan	660
ggggtttaat	ttgnctccct	ttnggcccgt	tatcatgggn	caatagcatg	ntcttnccctg	720
ngggnggaaa	attngtttat	tcctntncaa	cn			753

<210> 2742

<211> 702

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(702)

<223> n = A,T,C or G

<400> 2742

tcaatacnag	ctntngntct	ntttgcagga	tcccatcgat	tcgaattcgg	cacgagcaag	60
aagagttttc	tgttcagttt	ggaacaagat	tttgagaaga	catttaggat	gtactagttt	120
gagtttttaa	atgtatat	gagatat	ctcaactttc	tctttgggtc	tgtagctaaa	180
atatgcagta	taatgtttta	tttat	ttttaagaga	tggtgtctag	ctat	240
caggcagact	caaattcctg	ggctcaagt	atcctctgcc	ttggcctcct	gagtagctgg	300
gacttacaga	catgtgccac	caaacctagt	ggctatataa	tttttaaaaa	tattcttagg	360
atatctttac	atacttttct	taaaaaaaaa	aagttaacct	ttgtagttct	gtacctttca	420
gtagtctgca	aatttttctac	caaaaaaaaaat	cccaagaatt	tatttgggaa	ttattaaaaa	480
ggcaacaat	gaatgttatt	aggacaagaa	tatagcagtc	aggaggccat	gactacatca	540
cagccaggcg	gcattccctg	ccacagtggc	ggcttgaatc	atcaagaaat	ggataaatgg	600
ggcttttagta	aatcaggctt	gcaggctcaa	agctgcaatc	tgcccactct	caggctctgag	660
actttgtggg	cctcagacac	caggaagaaa	gttgggatac	an		702

<400> 2738

ctttaaatct	caagctcttg	ttcttttttg	aggatcccat	cgattcggga	gagaaacctt	60
atggatgcat	tgactgtggc	aaggccttca	gccagaagtc	ttgccttgta	gcacatcaga	120
gatatcatac	aggaaagact	ccctttgtat	gtcctgaatg	tgggcaacct	tggtcacaga	180
agtcaggact	cattagacat	cagaaaattc	actcaggaga	gaaaccttat	aaatgcagtg	240
actgtgggaa	agccttcctt	acaaagacaa	tgctcattgt	acatcacaga	actcacacgg	300
gagagagacc	ctatggctgt	gatgagtgtg	agaaagctta	cttctatatg	tcttgcttg	360
ttaaatacaa	gagaatacac	tcaagggaga	aacgggggga	ttcagtgaag	gtggaaaatc	420
cttcacacgc	aagtcacagc	ttaagtccta	gtgaacatgt	gcaggggaaa	agcctgttta	480
atatggtaac	tgtggcaatg	gtggcagggc	agtgtgagtt	tgccacatc	ctgcattcat	540
gataaacagt	ttgctgtttg	atcatatagc	ctncagcgga	atgctgagtt	tgctcatgtcc	600
catgggcctt	tggctccctg	cactaatatg	tatagtaggg	tttacaagat	atgaaatata	660
ttttactttt	ttatatctta	taaacctcac	tacctcttcc	acaata		706

<210> 2739

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 2739

tnaatnnttg	ctctngttct	ttttgcagga	tcctctgatt	cggtgggtggc	acataacctgt	60
aatcccagct	actcgggagg	ctgaaacagg	agaattgctt	gaacctggga	ggtagctgtt	120
gcagtgagaa	agattgggtac	cattgcactg	cggtctgggc	cacagagcga	gacttccatc	180
tcaaaaaata	aataaaatag	ggatggggtc	tcactgtgtt	gaccaggctg	gtcttgaact	240
aatgtccnca	nntaggectn	ccatatcanc	ttnnannggc	tatncattac	aggntcntgt	300
ccacatgcna	ngnncctatt	acnaactgca	tcatnntttg	caccccatat	ntatganccg	360
nattttaatt	ttncancaat	ntctnataac	attgnngatc	tnatananann	ctatnttgct	420
gctnacaaat	ctgaatcate	ntttccanan	catnttggac	acacatcact	taattnaaca	480
atttaattgca	nctatttngc	tatnctcctn	atttgttnc	tcntnccaca	ntatgttctt	540
atgaanncat	ctatttttnc	attnngaana	aaancacnta	ttgnntgnnt	atgtannngt	600
atatacntnn	tcaataccgn	ctactttttna	nctaaacctt	tccnttgnat	anttantntn	660
atgttnncac	acttacgggt	cnntccatta	attntcctac	atgnnaantt	ttacntatnt	720
cattagtana	ctttatnnta	attaattntt	cc			752

<210> 2740

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 2740

tcaatncngg	ctctngttct	ntttgcagga	tcctctgatt	cgaattcggc	acgaggctgg	60
acttggcaat	ggtggtcttg	ggagaacttg	tgctgtcttc	ttggattcca	tggcaacctt	120
gggacttgca	gcctatggat	acggcattcg	gtatgaatat	gggattttca	atcagaagat	180
ccgagatgga	tggcaggtag	aagaagcaga	tgattggctc	agatatggaa	acccttggga	240
gaagtccgc	ccagaattca	tgctgcctgt	gcacttctat	ggaaaagtag	aacacaccaa	300
caccgggacc	aagtggattg	acactcaagt	attcagagtg	ctcgtatagc	cagcgttttg	360

<211> 714
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(714)
 <223> n = A,T,C or G

<400> 2736

tctaatacng	nntttntant	ncnaatcgcn	aggctacttg	ttcttttttgc	aggatcccat	60
cgattcgaat	tcggcacgag	aaagaactgt	ctcacgcaac	cattgattct	aaaactggcg	120
atttagggga	catcaatgct	gagcagcttc	ctgggagggg	acatcttaat	gaacctggta	180
ctagagaagg	acagactcgt	ctaatacagag	atggggagaa	agtcgaagcc	tatcagtggg	240
gtgttagtga	agggaggtgg	ataaaaattg	gtgatgttgt	tggtcatct	ggtgctaatac	300
agcaaacatc	tggaagggtt	ttatatgaag	ggaaagaatt	tgattatgtt	ttctcaattg	360
atgtcaatga	aggtggacca	tcatataaat	tgccatataa	taccagtgat	gaccttgggt	420
taactgcata	caacttctta	cagaagaatg	atttgaatcc	tatgtttctg	gatcaagtag	480
ctaaatttat	tattgataac	acaaaagggtc	aaatgttggg	acttgggaat	cccacttttc	540
agatccatct	acaggtgggtg	gtcgttatgt	tccgggctct	tcgggatctt	ctaacacact	600
acccacagca	gatcctttta	caggtgctgg	tcgttatgta	ccaggttctg	caagtatggg	660
aactccatgg	ccggagttga	tccattacag	ggaatagtgc	ctaccgatca	ctgn	714

<210> 2737
 <211> 707
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(707)
 <223> n = A,T,C or G

<400> 2737

aatnttttgc	ctcgttcttt	ttgcaggatc	cctcgattcg	aattcggcac	gaggctatct	60
gaacacagtg	gaaagatggg	accctcaggc	tcgccagtg	aattttgttg	ccactatgtc	120
tacccttagg	agtacagtan	gtgtggcagt	actaagtggg	aaactttatg	canttggtgg	180
tcgtgatgga	agttcttctg	tcaaatcagt	anaatgtttt	gatcctcata	ctaataagtg	240
gacactgtgt	gcacagatgt	caaaaaggan	aggtggcgta	ggagtgcga	cctgnaatgg	300
actgctgtat	gctatagggg	ggcacgatgc	tcccgcattc	aacttgactt	ccagactctc	360
agactgtgtg	gaaagatatg	atcccaaaac	agacatgtgg	actgcagtag	catccatgag	420
catcagcaga	natgcagtg	gggtctgttt	acttggtgat	aagttatatg	ctgntggggg	480
gtatgatgga	caggcatacc	ttaatactgt	ggaggcttat	gatccccaga	caaataagtg	540
gaccaggtga	ttttcacata	cttttgagga	cagcaaagat	cacctgggtg	ccatcaagca	600
naccatctgg	aggcaaaact	ccttatctga	ggaattcaga	agtcattaga	ctgcacctatt	660
atctaaagcc	cggcatcttg	tactaggctt	ctttaccaa	aatgtat		707

<210> 2738
 <211> 706
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(706)
 <223> n = A,T,C or G

agcatgctga	aacaccgatt	aacacaggag	tcgngtaaca	cngagaaaca	tttgatanat	480
gtacagcatt	ggctattgca	ttcctatagt	gtatataccn	gggtattgct	tcaaaccctg	540
cngaccncta	ttttcccntc	tncnnccct	gtgttccttg	gtcaaacnta	atnnannaca	600
tncatttgc	nttngttnn	naaactttan	anntcntnga	tngtgnannt	anacnangta	660
actttttacc	taaanggtgt	ngcctgnccc	caaaattgcc	attatngggg	ccnctatttt	720
ccnctantnt	ananttgttc	ncacattncg				750

<210> 2734

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (712)

<223> n = A,T,C or G

<400> 2734

anttgaanct	ttctaattgct	tggcnntgca	ggatcccatc	gattcgaatt	cggcacgagg	60
gcacaaggac	cctcctgcca	acctgtttga	agacatggac	ctcaacaagg	atggcgaggt	120
ccctccggag	gagttctcca	ccttcacaa	ggctcaagt	agtgagggca	aaggacgcct	180
catgcctggg	caggaccctg	agaaaaccat	aggagacatg	ttccagaacc	aggaccgcaa	240
ccaggacggc	aagatcacag	tcgacgagct	caagctgaag	tcagatgagg	acgaggagcg	300
gggtccacgag	gagctctgag	gggcaggag	cctggccagg	cctgagacac	agaggcccac	360
tgcgaggggg	acagtggcgg	tgggactgac	ctgctgacag	tcaccctccc	tctgctggga	420
tgaggtccag	gagccaacta	aaacaatggc	agaggagaca	tctctggtgt	ttccaccacc	480
ctagatgaaa	atccacagca	cagacctcta	ccgtgtttct	cttccatccc	taaaccactt	540
ccttaaaatg	tttggatttg	caaagccaat	ttggggcctg	tggagcctgg	ggttggatag	600
ggccatggct	ggtcccccac	catacctccc	ttcacatcac	ttgacacagc	tgagctttgt	660
tatccatctt	cccaaacttt	ctctttcttt	gtactttctg	tcacccccac	tc	712

<210> 2735

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (710)

<223> n = A,T,C or G

<400> 2735

nttaancntt	nanannngtt	ntttttgcag	gatcccatcg	attcgaattc	ggcacgaggg	60
cangggactt	nctgtaacaa	tgcactctcat	atttggaatg	accagtcct	ctcccaagtc	120
cacacagggg	aggtgatagc	attgctttcg	tgtaaattat	gtaatgcaaa	atttttttaa	180
tcttcgcctt	aatactttat	tattnnngtnn	tattttgaat	gatgagcctt	cgtgcccccc	240
cttnccectt	ttttgtcccc	caacttgaga	tgtatgaagg	cttttgggtc	ccctggggagt	300
gggtggaggc	agccagggct	tacctgtaca	ctgacttgag	accagttgaa	taaaagtgca	360
caccttaaaa	aanaatgcat	anaaaaaact	cgagcctcta	gaactatagt	gagtcgtatt	420
acgtagatcc	agacatgata	agatncatng	atgagtttgg	acaaaccaca	actagaatgc	480
agtgaaaaaa	atgctttatt	tgtgaaattt	gtgatgctat	tgctttatatt	gtaaccatta	540
taagctgcaa	taaacaagtt	aacaacanca	attgcattca	ttttatgttt	caggttcagg	600
gggaggtgtg	ggaggttttt	taattcgngg	ccgnggcgcc	aatgcatngn	gcccgttacc	660
cagcttttgg	tccctttant	gagggttaat	ngcgcgcttg	gcgtaatcat		710

<210> 2736

tcgattngct	nngcagctcc	ccttccantg	agagccctnc	acacnatttn	anaaaacct	120
ncgnatgcat	naactttcaa	nccatancat	gcatncnggn	tattgntnca	tgctgatcat	180
nnaacctnnn	gtccaacagg	gcggnncngt	aatggntgnt	tnnttnactt	tttantntgt	240
ggngtatnnn	ntagnncncg	cggngcnggc	tcannttact	ggaccttgca	natcctnnga	300
ttngcnnntg	ngngnntcng	gctcnnacnn	acatgngntt	acagacatnc	tgccatgttc	360
atntcnnctg	gntntcncn	ngtnaanang	gngnctnanc	ntgntngcca	agctgntnnn	420
annctcctgg	gntacnttna	nntnnnatnt	tgactcatac	cgttgctgat	tncaaggcnt	480
gagccaccac	tcttggccaa	ngnngcgttg	cttgacattn	cnactaagac	tatgactatn	540
atgntnccgt	gacgacacta	tagtcctccn	nacttntcng	tcaagtggca	tctgggattg	600
tntcaacatg	gataaanggg	ccttctanat	atcnnngcgt	tgancntcat	ttncctgcnt	660
tcttganaat	ttngngcact	gaancttana	gggccttatt	cncncnngan	cancacncgn	720
ngatactanc	c					731

<210> 2732

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(731)

<223> n = A,T,C or G

<400> 2732

tggnnttttn	nagtcaancc	ttggaaatcc	ttggctctng	ccgctntctg	caggatccca	60
tcgattngct	nngcagctcc	ccttccantg	agagccctnc	acacnatttn	anaaaacct	120
ncgnatgcat	naactttcaa	nccatancat	gcatncnggn	tattgntnca	tgctgatcat	180
nnaacctnnn	gtccaacagg	gcggnncngt	aatggntgnt	tnnttnactt	tttantntgt	240
ggngtatnnn	ntagnncncg	cggngcnggc	tcannttact	ggaccttgca	natcctnnga	300
ttngcnnntg	ngngnntcng	gctcnnacnn	acatgngntt	acagacatnc	tgccatgttc	360
atntcnnctg	gntntcncn	ngtnaanang	gngnctnanc	ntgntngcca	agctgntnnn	420
annctcctgg	gntacnttna	nntnnnatnt	tgactcatac	cgttgctgat	tncaaggcnt	480
gagccaccac	tcttggccaa	ngnngcgttg	cttgacattn	cnactaagac	tatgactatn	540
atgntnccgt	gacgacacta	tagtcctccn	nacttntcng	tcaagtggca	tctgggattg	600
tntcaacatg	gataaanggg	ccttctanat	atcnnngcgt	tgancntcat	ttncctgcnt	660
tcttganaat	ttngngcact	gaancttana	gggccttatt	cncncnngan	cancacncgn	720
ngatactanc	c					731

<210> 2733

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 2733

ccttnccctg	aaagccncaa	gctacttgnt	ctttttgcag	gatcccatcg	attcgaattc	60
ggcacgagat	tcccatctgc	ttttacttcg	ggtgagcaga	gggggatgtg	tgtgtgcgtg	120
tgtgtcagtc	tgtttgtgag	tgtgttaaag	gctacagacc	acagttgggt	taaaatgctt	180
ggaacttccc	aaactggcct	tactttatgt	ttatacagtg	ctcaggggta	acgcagtaca	240
tccatgccat	tgctgtggga	ggtatccccg	gatgcatgtg	ttttgagtct	ataaatatag	300
aaaatatata	ttgggtttct	tttccaactt	aataggtcta	ttaaagcatg	aaatgaaagg	360
ttgcatatca	tgcattcagg	ntattaccta	atTTTTgnnc	tgacagtgca	tgncntntgga	420

<220>
 <221> misc_feature
 <222> (1) ... (747)
 <223> n = A,T,C or G

<400> 2729
 gnngnngnnn nnnnnnnnngn nnnnnnnnnn nngnnngnnt ttatgnatca gctacttggt 60
 ctttttgtag gatcccatcg attcgtcca ttgtgaagat ccaggcattt ttccgagcca 120
 ggaaagccca agatgactac aggatattag tgcagtcacc ccacctcct ctcagtgtgg 180
 tacgcagatt tgcccatctc ttgaatcaaa gccagcaaga cttctctgct gctgtgatct 240
 gcacaccctc caacctgggc agggactggg gggatgcagt gtgtgtagt gccatgtgg 300
 cattgtggca ctgttgcccc ccatggcggc atgggcaaga tgacctcca ttagcttcaa 360
 gtctgttct cttgtctgtg gtctgtttaa tatgtgggtc actagggtat ttattctttc 420
 tcccacctt acactctgga tcattgtgca gacttaatca gggttttaac gctttcattt 480
 tnnntttttt ttttttgact caaagagagt tctcattttc cctattcaaa ctaataccca 540
 tgccgggttt tttacctggg atttaaagtc accttangtt ggggcaacag attctcactc 600
 atgtttaana nctgggtatt cagcttcata agatcaaaga ggagtctttc cttttctctt 660
 ttacctcag gatctcatcc cttacagctg actcttnnag gcaatttcca tagaactgna 720
 gtctgtctt ggcacaagct ntntgtg 747

<210> 2730
 <211> 716
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (716)
 <223> n = A,T,C or G

<400> 2730
 ttnattaatg cttggctact cgttctttnt gcaggatccc togattcgaa ttcggcacga 60
 ggtcctaaag ccgctgaagc aaaaaccatg ataaaacatt ctgctttctt ttcttttaca 120
 accccacgaa cgcaaaaaaa aaaaaaaaca aaaacaaaac aaaaaaaaga aacaacaaca 180
 aaacccaaac tattttagg aaaaaatggt tttgtacatg ggatgaaaca atataaatc 240
 aaaacttaca gataagggtt agctctatca ctcaactctt taaaaagttt atatgaatat 300
 ccagtcaaaa ccaacacggt attgcccttg aaatgttaac tagacggatt tccaaggaga 360
 ccacaggact gtatactgtc ttggaatgtc ctcaagaaggc tctgtcattg atcaggtaac 420
 agtaaaaacc ccagtttctt ttcttagctg atgtctttgg ccagaacacc gtgggctgtt 480
 acttgctttg agttggaagc ggtttgcat taccgctgta aatgtattca ttcttaattt 540
 atgtaagggt tttttgtac gcaattctcg attctttgaa gagatgacaa caaattttgg 600
 ttttctactg ttatgtgaga acattangcc ccagcaacac gtcattgtgt aaggaaaaat 660
 aaaagtgtg ccgtaccaaa aaaaaaatnn nngnccnnan nncnaannct tngnnt 716

<210> 2731
 <211> 731
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (731)
 <223> n = A,T,C or G

<400> 2731
 tgnnttttn nagtcaance ttggaaatcc ttggctctng ccgctntctg caggatccca 60

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(967)
<223> n = A,T,C or G

<400> 2727
agtanggcgn ttcctaattnn annnggctaa gcgacttttna aagangaggc tngcgtgntg 60
aataccgnnc gaggggggat nacaatagta nacnnggtnc caatncatgc ttaacaccgc 120
atntctttac ccccnannnn ncacanatgc agacncacac atngcanncg nacacncaga 180
cacacacang caagcactnn catgcatggc ccatgctcac acacntgnan nnaacatgcn 240
gtagacatnt nagacacgtc atgtnacaca tgnnacacan gnnnaanaca ctgcttttnca 300
ngcanacnca gacggcacnn ngagacanac atgcnnaaac aacatgctcn ctacnttnna 360
nncgntgggc cngtagtagt gtactgtggg tgnnactggg tgccatcnac nnngtatttt 420
acgncctttt aactaaaaan cttggagcct tnanttnntn tgggtantnc aatncctana 480
antnncctga gngggatgaa ccctaananc ctggccctnn tnccnctttc aaggccnagn 540
aattganatt attntntant ngnnacagaa gcttntggta ncangngncc cgagnnctnt 600
tnaaanttnn ctnttttnan aatnaaacat tttancgggt ctnaggance gngcctncng 660
ggtanggann naattgtnc tgggnatagt tctcacaant natnttnaag ggggnaagng 720
atnngngngg nccntntatg nggcnnngcca annaangggg tcnnggttaa natattccaa 780
gntaaccanan gnacnatggn accnatccct ntnngaagna aggaactncc tgnncgacta 840
nnnactatgn naaatattct cacatntaca naaaaagnag gnnccnnggt ncttnaagnt 900
tntgcatagn nactatnctt gggacnggtt aacnnanatt ntatgcttta nnngatnggg 960
gctttnnn 967

<210> 2728
<211> 738
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(738)
<223> n = A,T,C or G

<400> 2728
gagagnnntt tntaatnnca gctcttggtt tttttgcggt cctcgttcg agaaaatgaa 60
gatgaacaga atagtccgcc aaaaaagggt aaaagaggcc gaccaccaa acctcttggt 120
ggaggtacac caaaagaaga gccaacaatg aaaacttcta aaaaagggaag caaaaaaaa 180
tctggacctc cagcaccaga ggaggaggaa gaagaagaaa gacaaagtgg aaatacggaa 240
cagaagtcca aaagcaaaca gcaccgagtg tcaaggagag cacagcagag agcagaatct 300
cctgaatcta gtgcaattga atccacacag tccacaccac agaaaggacg aggaagacca 360
tcaaaaacgc catcaccatc acaaccaaaa aaaaatgtcc cgtgtaggac gctccaaaca 420
agcagctact aaggaaaatg attcaagtga agaagtagat gtgtttcaag ggtagctctc 480
ctgtcgatga tattccacag gaagaaacag aggaggagga agtttctaca gtaaatgtac 540
ggcggcgaag tgctaaaagg gaacggcgat gaacaaaatg aattaataac tttctctgtg 600
aaagcttttg aaaaatcttt tttttttttt ggtcaagctt gagcttgata aagcctttga 660
tgcacaaaat gggctgctga aaatggacag ttggncttac tttggtgccc ctactttgtg 720
gcacatcttt accatcac 738

<210> 2729
<211> 747
<212> DNA
<213> Homo sapiens

<210> 2725
 <211> 746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (746)
 <223> n = A,T,C or G

<400> 2725

gagnnnnnttt	taataacagc	tacttgttct	ttttgctggat	ccctcgattc	gaattcggca	60
cgagcgtgga	gagaatactc	agaaatgaac	ctcttttaaag	ccttgcagga	atgagtcact	120
cttacttaaat	gaaatgttaa	agccaattaa	aaagcatgct	gtgatgcca	gcttcccttt	180
ccacaggtg	catgctctc	ctgctggtga	atcacatgcg	gcaagaggca	actggctcca	240
cagcctggga	tgctgccgta	ccaagaggaa	agaagcagca	aaatgccttt	acgttgttct	300
aaacccccga	cgcataaagt	gtagaggagg	gatggccaag	ggtgggtggg	tagaaagtgt	360
gttcaggctg	acactggcaa	tgagtacaga	taatttcact	ttcctcttca	ggggc aaagg	420
ctgatggcct	ctacctttgt	atccaggaga	aactgcagag	cagccctgtg	actttacaaa	480
atatgctacc	tcaaagtgt	acccgataaa	cctttctaat	tgtaagtgcc	cttactaagg	540
gcacatgtct	taatcaaagt	tagttttttg	ttttctgggt	tgnttttttt	ttttgnatat	600
tgatgaatga	gatcttacct	attaaatata	ttattggatt	atgggtcctg	aagggtcatta	660
aaagtttgag	tgtgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	tgtttatgac	ttaaataatct	720
ttacgtgngg	tttttaaaac	ttgggt				746

<210> 2726
 <211> 967
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (967)
 <223> n = A,T,C or G

<400> 2726

agtanggcgn	ttcctaattnn	annnggctaa	gcgactttna	aagangagge	tngcgtgntg	60
aataccgnnc	gaggggggat	nacaatagta	nacnnggtnc	caatncatgc	ttaacaccgc	120
atntctttac	ccccnannn	ncacanatgc	agacncacac	atngcanncg	nacacncaga	180
cacacacang	caagcactnn	catgcatggc	ccatgctcac	acacntgnan	nnaacatgcn	240
gtagacatnt	nagacacgtc	atgtnacaca	tgnnacacan	gnnnaanaca	ctgctttnc	300
ngcanacnca	gacggcacnn	ngagacanac	atgcnnaaac	aacatgctcn	ctcacntnna	360
nncgntgggc	cngtagtagt	gtactgtggg	tgnnactggg	tgccatcnac	nnngtatttt	420
acgnnctttt	aactaaaaan	cttgagcct	tnanttnntn	tggtgantnc	aatncctana	480
antnncttga	gngggatgaa	ccctaananc	ctggccctnn	tnccncttcc	aaggccnagn	540
aattganatt	attncntant	ngnncacgaa	gcttntggta	ncangngncc	cgagnnctnt	600
tnaaanttnn	ctnttttnan	aatnaaacat	tttancggtt	ctnaggancc	gngcctneng	660
ggtanggann	naattgtnc	tggnatagt	tctcacaant	natnttnaag	gggnnaagng	720
atnngngngg	nccntntatg	nggcnngcc	annaangggg	tcgnngttaa	natattccaa	780
gntaacanan	gnacnatggn	accnatccct	ntnngaagna	aggaactncc	tgnncgacta	840
nnnactatgn	naaatattct	cacatntaca	naaaaagnag	gnnccnnggt	ncttnaagnt	900
tntgcatagn	nactatnct	gggacnggtt	aacnnaatt	ntatgcttta	nnngatnggg	960
gcttnnn						967

<210> 2727
 <211> 967

aaagtggggt	agtcaatcta	cttattcaga	atgagtcgat	aatttaaaca	tgtctaatag	420
cagagacagt	atattataga	aatggcatta	cattctctga	gatctgcttt	tactgaagtg	480
gatcaatgat	gaaactagcc	aaatctgagc	atcagaaggc	tttccggtct	acctgatgca	540
tgatctctac	agttctgaga	agcagaacta	taaaacaatg	taaaacaata	agggcatatg	600
tctggtgtgt	gtgtgggggg	tgtgtgtgtg	nnnnnnnnnn	nnnnnnnnnn	nnngnnnnenn	660
nnnnngnnnn	nnnnnnntnn	nnnnnngnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnc	716

<210> 2723

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (751)

<223> n = A,T,C or G

<400> 2723

gagaggnntt	ttanagcctg	ctacttgctc	tttttgcnga	tcatcgattc	gaattcggca	60
cgagaaatac	ctcaggaata	acgaggaggt	gaagtattgg	attcttctca	tgatgacata	120
aaacttgaaa	aaagtaatat	tttgtgctt	ggaccaactg	ggtcaggtaa	aactctgctg	180
gcacaaaccc	tanctaaatg	ccttgatgtc	ccttttgcta	tctgtgactg	tacaactttg	240
actcacgctg	gatatgtacg	cgaagatatt	gaatctgtga	ttgcaaaact	actccaagat	300
gccaaattata	atgtggaaaa	agcacaacaa	ggaattgtct	ttctggatga	agtagataag	360
attggcagtg	tgccaggcat	tcatacaatta	cgggatgtan	gtggagaagg	cgttcatcaa	420
ggcttattaa	aactacttga	aggcacaata	gtcaatgttc	cagaaaagaa	ttcccgaag	480
ctccgtggag	aaacagttca	agttgatata	acanacatac	tgtttgtggc	atctgggtgct	540
ttcaatgggt	tacacagaat	catcancagg	aggaaaaatg	aaaagtatct	ttggatttgg	600
aacaccatct	aatctgggga	aaaggcagaa	gggctgcagc	ttgctgnaga	ccttgnttaa	660
tcnaaagtgg	ggaatccaat	acttacccaa	gacattgaan	aaaaagatcg	ggtntgcgctc	720
atgtggaaac	cngagatctg	attgagtttg	g			751

<210> 2724

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (749)

<223> n = A,T,C or G

<400> 2724

gngagnnnnn	tttanaanat	caggctactt	gttctttttg	caggatccct	cgattcgtaa	60
gtgggctaag	accagaagag	agacttattc	gcttaagtag	aaacatgtgc	cttttattaa	120
ctgcagtcct	gcattttatc	catggaatga	cagaccctgt	attaatgtct	ctcagtgcct	180
ctcatgtgtc	atcttttcgt	agacattttc	ctgtgtgtgt	tgtctctgct	tgctgtttta	240
ttcttcctgt	cttactcagt	tatgttcttt	ggcatcacta	tgactaaat	acatggttgt	300
ttgcagttac	agcattttgt	gtggaactgt	gcttaaaagt	nattgtttct	ctcactgntt	360
atacgttatt	catgattgat	ggctactata	atgtcctctg	ggaaaagctt	gacgattatg	420
tctactacgt	tcgttcaaca	ggcagtatta	ttgaatttat	atgtggagtt	gtaatgggtg	480
gaaatggggc	ttacactatg	atgtttgagt	cgggaagtaa	aattcgggct	tttatgatgt	540
gcctacatgc	atattttaac	atctacttac	aagccaaaaa	tggttggaag	acatttatga	600
atcgtaggac	tgctgtgaag	aaaattaatt	cacttcctgn	aataaaaggg	agcccgttta	660
caagaaataa	atgaaggtat	gtgcaatctg	ctatcatgag	tttacaacat	ctgctcgtat	720
tacaccgtgt	aatcattatt	tccatgccc				749

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acatacagct acttgttctt tttgcaggat cccatcgatt cgagacagtc aagctgcatt      60
gcaacactgc atgtctgact aacagcatac attgtcctga agaagcatct gtagggaatc      120
cagaaggagc gttcatgaag atgttacaag cccggaagca gcacatgagc actcagctga      180
ctattgagtc ggaggcgccc tcagacagca gtggcatcaa cttgtcaggc tttgggggtg      240
atcagcttga aattcagcta accgagcagc tacggtccct catccccaac gaggatgtga      300
gaaagtccat gtctcatgtt atccggacct tgaaaatgga atgttcagaa acacatgtgc      360
aagggagctg tgccaagctc atgttgcgaa caggcctcct gatgaagctt ctcagcgagc      420
agcaggaagc aaaggcattg aatgtagaat gggatacgga ccaacaaaaa acaaattata      480
ttaatgagaa catggaacag aatgaacaga aagagcagaa gtcaagtgag ctcatgaaag      540
aagttccagg agatgactat aagaacaaac tcattcttcgc aatatctgtg actgtaatac      600
taataatttt gattataatt ttttgtctta tagaggtgaa ttcacataaa agggcatcag      660
aaaaatcaaa gacaacccat caatatcagg agcctgagca tgagttaaag catgtggatg      720
gcctggaact atgtttttta aatggtatta aatattggtt ttttactt      768

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<210> 2721

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (735)

<223> n = A,T,C or G

<400> 2721

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gagaggnnnt tttgaagncn gctngnngnc ttttnganna gttntcgten gcangatgna      60
cacacggaga cagatactgt ggaccccana agcaatggac ggccccccac tgctgctgct      120
gtccccaaat ctgcgaaata catcgctcag gtgctgcagg actcagaggt ggacggggat      180
ggggatgggg ctcttggggag ctcaggggat gagcccccat catcctcatc ccaagatgag      240
gagttgctga tgccaccga cgccctcacg gacacagact tcagtcttgc gaggacagcc      300
tcatagagaa tgagattcac cagtaagggg agggaggggc cctggaggcc acatcctgcc      360
ccaccccacc cccactccca cngacactaa aacgctaata atttattana tctaaagccc      420
cttctnccca gccctgctt tcattaaggt atttaaactt gggggtttca ctgctctccc      480
cccatgatgg aaggaggagg cccccaacc tcagtgagga nagccccgag cgggccccgg      540
ggcaaagagg ggtgcagagg gagttcccca natcaagtc ccaaccctt cccactagta      600
catgaccagg anagggttaa tgataccaac aagagtcctg gtgcacctgg tgccggtggc      660
tggagacctg gggggcangt ggatctgggg ctgatcccc ctcggttttt tccccacat      720
ttctctggga tttgc      735

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<210> 2722

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (716)

<223> n = A,T,C or G

<400> 2722

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tnnnnnnttt tnaaccagnn ttcnaatcct tggcggnnagg ctacttggtc tttttgcagg      60
atcccatcga ttcgaattcg gcacgagaag aaaggctgcc tttgagttga ccaaccatgt      120
tgaggtggta gatgggtgct aaactcactg tagtctgagt aattgacttc cacaagtcac      180
cccactgtt gagcctttca aaatgaagtc tcagtatatt tacaaattaa tggacatcct      240
ctctggggat tagtcatatt ctaattcaac aaagacattg tttgaagttt gtttttgttt      300
gctaaatgaa ctaaaaatta tgagatttgc acctaaaggt actgaggtaa aggagagcca      360

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<210> 2718
 <211> 733
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(733)
 <223> n = A,T,C or G

<400> 2718

gnnngnnnnnn	nnnnnggngng	ntttntagat	anagctcttg	ttctttttgc	aggatcccat	60
cgattcgaa	tggcagag	gccntcctgt	nnacagcgng	gcaagangaa	tcatnntgnc	120
tgngcatttt	gcncnctta	tctgggnnta	tantgtacat	nnaggacaga	ccactcctaa	180
ttgacaacat	ctannctntn	tggatgtnaa	agangttgcc	agngtatnac	aaangtngan	240
ntagnanact	aatntntttt	gtacattntg	gnttacaagt	cctaggaaan	attggcttct	300
gaaaatttga	tgncntntgg	gttgatggag	atggnaaggg	ntctangcca	gaatgntcac	360
atttggaa	ctctntcnaa	tttnnactgt	nggtacatgt	ttgcanntat	attcaanact	420
gctgtntaca	tagtagacaa	atnaactcct	tacttgaaac	atctagtcta	tctagatgtn	480
tagaagtgcc	ccatgnatgc	taaatgtata	cgtagtgaaa	taccactttg	nnaatatctc	540
tttgctaaaa	ttcatnecga	atgcttttgg	aaattgantn	gnnaanncac	ctttgtnaac	600
agnntantgn	tgnttatcct	tgnncaatat	nttaaaggac	gtaaggangg	aagaaattgc	660
aaaaagggat	atcctancgt	gngcatactt	gggcatttca	gacccttggt	ctatatgntn	720
gggcatctgg	gtt					733

<210> 2719
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 2719

nnngnnnnnn	nnnnngnnngn	nnnnnnnnngn	nnnnntnttt	agatcagctc	ttgttctttt	60
tgcaggatcc	catcgattcg	aattcggcac	gagctcatgc	ttcaagaagc	agataaactg	120
ggctgcaaac	agtttggtac	tcctgcagat	gtggtttcag	gcaatcctaa	acttaattta	180
gctttttag	ctaatttggt	taacacatac	ccgtgcctgc	acaagccgaa	taataatgac	240
atcgatatga	atttactgga	aggagagagc	aaggaagaga	gaacatttcg	gaactggatg	300
aattccttgg	gagtcacccc	atacattaat	catttgtaca	gtgaccttgc	agatgcttta	360
gtgatctttc	agctctatga	gatgatccga	gtgccagtca	actggagcca	tgtcaacaaa	420
cctccttata	ctgcccttgg	agggaacatg	aagaagggtga	atgaaataat	ggccatggat	480
atattgntat	tgttctgata	tgaaacaaa	aatttagagt	ttcatgaagt	tatacgtgct	540
ctgtccccac	aattctgatt	cagaccaaaa	tgtgttaagc	ttaatagcct	ttttacaagt	600
ttgctttaat	aaatttgaag	atgaaggcaa	aaaaaaaaaa	nnnnnnnnnn	nnnnnnnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnanaaaaaa	aaaacctngn	ccctttaaac	tttnggnngc	720
ntttncntaa	nncennactt	gaaaaancn				749

<210> 2720
 <211> 768
 <212> DNA
 <213> Homo sapiens

<400> 2720

caaagcagag	agacgtggcg	gcatgtgggc	agcatgccca	ggttccttgc	tgactcagca	540
cttattttctg	tagtttttaa	aaagaattta	atgtttttgg	ttgtattttt	ttgggggggt	600
gaggggtgggc	aaaaacatgg	gggtagttct	gagttgttag	aaatgtttct	tgaatcaaag	660
tttgtttgaa	gacacctgtg	cctttgtacc	cattataaga	tggtcattaa	gacccaagaa	720
actgataact	ttggnntttt	tt				742

<210> 2716

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (742)

<223> n = A,T,C or G

<400> 2716

gmnagnnnnn	nnnnngnnng	nttttnaaga	ncagctactt	gttctttttg	caggatccca	60
tcgattcgaa	ttcggcacga	gggaaccccc	accattaagc	taaagtaaaa	cccttttgag	120
ggaagagggg	gactggggag	aagggaaaaag	agagaaggca	gggagagtag	ggagagaaaa	180
ccttcacgca	gcccagtaaa	ctgcgggcga	agagatctac	ccgtctccct	ccctcccaca	240
gttaccattg	gccttgtcat	cgcaagcatt	tgacaaagac	ttgcttgtct	tgggcctgtc	300
acctcctgaa	aggctgcttt	agctgtggat	gcccttgatt	aaggagagaga	gcgcctagga	360
gctgcctgcc	ccagctgggg	tgacggctgt	agggtgggt	ctatgttgca	agccctatat	420
cctagcatgc	agtggaaagt	gcttagctct	ctccctcctg	acctctgggc	agccagtcac	480
caaagcagag	agacgtggcg	gcatgtgggc	agcatgccca	ggttccttgc	tgactcagca	540
cttattttctg	tagtttttaa	aaagaattta	atgtttttgg	ttgtattttt	ttgggggggt	600
gaggggtgggc	aaaaacatgg	gggtagttct	gagttgttag	aaatgtttct	tgaatcaaag	660
tttgtttgaa	gacacctgtg	cctttgtacc	cattataaga	tggtcattaa	gacccaagaa	720
actgataact	ttggnntttt	tt				742

<210> 2717

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (733)

<223> n = A,T,C or G

<400> 2717

gmnngnnnnn	nnnnnggng	ntttntagat	anagctcttg	ttctttttgc	aggatcccat	60
cgattcgaat	tcggcacgag	gccttcctgt	nnacagcgng	gcaagangaa	tcatnntgnc	120
tgngcatttt	gcctnctta	tctgggnnta	tantgtacat	nnaggacaga	ccactcctaa	180
ttgacaacat	ctannctn	tgatgtnaa	agangttgcc	agngtatnac	aaangtngan	240
ntagnanact	aatntntttt	gtacattntg	gnttacaagt	cctaggaaan	attggcttct	300
gaaaatttga	tgctnnttgg	gttgatggag	atggnaaggg	ntctangcca	gaatgntcac	360
atgttgaaga	ctctntcnaa	ttntnactgt	nggtacatgt	ttgcanntat	attcaanact	420
gctgtntaca	tagtagacaa	atnaactcct	tacttgaaac	atctagtcta	tctagatgtn	480
tagaagtgcc	ccatgnatgc	taaagtata	cgtagtgaaa	taccactttg	nnaatatctc	540
tttgctaaaa	ttcatncgaa	atgcttttgg	aaattgantn	gnnaanncac	ccttgtnaac	600
agnntantgn	tgnttatcct	tgntcaatat	nttaaaggac	gtaaggangg	aagaaattgc	660
aaaaagggat	atcctancgt	gngcatactt	gggcatttca	gacccttggt	ctatatgntn	720
gggcatctgg	gtt					733

aaccagnccc	ngngcntggt	ggnontgacc	tcttacannn	cgtgccgtat	tcnaatcggt	180
ggtatcctgc	tcaaggactg	tagctcntnt	acganaangn	tnacnnacnt	gatagacacg	240
tccacatcac	anttgcctcc	aaactgcctg	tgctcctcna	tggtgtctct	ccctccagaa	300
aacgcatgct	tattgacctt	ggttttgata	tgcttgcccg	tgctgggtgag	gaagatggag	360
gagttggggt	cgctggcact	catttttggtc	tgggcgccct	gcanggctgg	gaagaagggtg	420
gagtgcacat	gggataaggc	actggatata	cgctctgtct	cggaagatct	gtgggaatga	480
gttgctgaag	gagggagcan	cctgnatggc	angaaaactg	atcttcccaa	tgcantcgct	540
gtcantgaag	ccgaaaatgc	ctttcacttg	gttgaaggta	acatgctttt	gaatcttcac	600
cacatttttg	tanaaacctg	aactgctcta	naactatant	gagtcntatt	acntanatcc	660
anacatgata	agatacattg	atgaatttgg	acaaaccaca	actagaatgc	antgaaaaaa	720
atgctttatt	tgtgaaattt	gtgatgctat	tgctttattt	gtaaccatta	c	771

<210> 2714

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (752)

<223> n = A,T,C or G

<400> 2714

gngagnnnnn	tttttaanat	cagctacttg	ttcttttngc	aggatccctc	gattcgctca	60
aaaccaaate	tcaactcagc	tacagaatct	actgtggtcc	ttgtctgaaa	aaattagttc	120
actcggttgg	aatcttgtct	cagagcatcc	tcatctcttt	ctcaaaagcc	cctaccccaa	180
caccggcggtg	ttggttgtct	attgaaactt	acaagtggat	ggacccttcc	tcccgaataa	240
actggccttt	gaaagctcta	atcgaaatgg	tttggaacaa	tccatactgc	aggagattag	300
ggaggacaag	aatgatgtgc	ctttttgtac	tgtctgagcct	gatggtggtg	ccactacttc	360
aggtacttag	atgagtcttg	atgctaatag	aattgtgtcg	ccaaacatat	ctggacagtt	420
acaacctaate	ctatgcatta	attggtttgg	gaattgcttg	aaattattgn	ttaattcaat	480
gtttaaatte	gttttccctaa	aaatttaagt	gccccatca	tcttgcaata	cctcagtgc	540
gcaactcctt	tattcttggg	tgactgaact	tnctaacttg	actctgccca	ttggtcccat	600
ttttcatggt	tttcacaaat	agttaaccag	gtacctacta	ctgtgcaccg	ctgcagaagc	660
attgaaggat	gtatgtgatg	agtnaaaaca	cccaacctgc	tctgctgngt	taggattatg	720
acngaaactg	gtcaaaatca	catgtgaaca	aa			752

<210> 2715

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (742)

<223> n = A,T,C or G

<400> 2715

gnnagnnnnn	nnnnngnnng	nttttnnaaga	ncagctactt	gttctttttg	caggatoccca	60
tcgattcgaa	ttcggcacga	gggaaccccc	accattaagc	taaagtaaaa	cccttttgag	120
ggaagagggg	gactggggag	aagggaaaag	agagaaggca	gggagagtag	ggagagaaaa	180
ccttccagca	gcccagtaaa	ctgcggggcg	agagatctac	ccgtctccct	ccctcccaca	240
gttaccattg	gccttgtcat	cgcaagcatt	tgacaaagac	ttgcttgtct	tgggcctgtc	300
acctcctgaa	aggctgcttt	agctgtggat	gcccttgatt	aagggagaga	gcgcctagga	360
gctgcctgcc	ccagctgggg	tgacggctgt	agggctgggt	ctatgttgca	agccctatat	420
cctagcatgc	agtggaaagt	gcttagctct	ctccctcctg	acctctgggc	agccagtcac	480

<221> misc_feature
 <222> (1)...(721)
 <223> n = A,T,C or G

<400> 2711

ttnaagcctn	tnttnanttt	caaategcta	ggctacttgt	tcttttttga	ggatcccato	60
gattcgaatt	cggcacgaga	ggaggaaagg	gaactccctg	accccttgtg	cttcccaagt	120
gaggcaatgc	ctcgccctgc	ttcggctcgc	gcacgggtgc	cgcacccact	ggcctgcgcc	180
cactgtctgg	cactcgctag	tgagatgaac	ccggtacctc	agatggaaat	gcagaaatca	240
cccgctctct	gtgtcgctca	cgctgggagc	tgtagaccgg	agctgttcct	attcggacat	300
cttggctcct	ccccaaagat	tctggagtct	gagaagtcaa	ggatcggggg	gctggcctat	360
tcagttcctg	gtaagggctg	tcttcctggc	ttgcagttga	actacttctt	gctgtgtctt	420
cacaagcatg	cccccatcct	gtgccgataa	gaactccana	ccccaaactc	agctcataca	480
cacacggaag	agagaagcat	ctgaacatca	agaagagaan	aagctgctgg	acatcagaaa	540
ctgtgaaagg	agaggagttt	ggctgagctc	caggggaaga	ctgcctgcac	attctatccc	600
cttttcagtt	ccccatcctg	ctgtcagcca	catttaccac	tcaataaaat	cttcacattc	660
accatccttc	aaaaaaaaaa	aangaaaaaa	ctcgagcctc	tagaactata	gtgagtcgga	720
t						721

<210> 2712
 <211> 711
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(711)
 <223> n = A,T,C or G

<400> 2712

gcngntnttn	antttcaaat	cgctnggcta	cttgttcttt	ttgcaggatc	ccatcgattc	60
gaattcggca	cgaggataaa	tacctcagcc	cctcgccttc	ctcaaccac	ctggcaagtc	120
ttcttaggat	ctgatcccag	ttttctggaa	gcaatcctac	cccagcccaa	gcttcccaga	180
gtcagagcct	aatccttctc	acttctcagt	gtcagagcag	aaatgaatcc	tgggggttgac	240
tgtgtccatt	cgggttatta	gcagctaaga	agcccagacg	agtagtgtga	gctgccttgg	300
gagcctcagt	gagggcactg	ggactggcct	cactctcttg	ccccagcct	agtgggcttt	360
ctcctctgtc	tctcgggtgg	ccccaggcaa	tcgactgcat	cacgcaggga	cgtgagttgg	420
agcggccacg	tgccctgcca	ccagaggtct	acgccatcat	gcggggctgc	tggcagcggg	480
agccccagca	acgccacagc	atcaaggatg	tgcacgcccg	gctgcaagcc	ctggcccagg	540
cacctnctgt	ctacctggat	gtcctgggct	agggggcccg	ccaggggctg	ggagtgggta	600
gcccggaata	ctggggcctg	ccttagcatc	ccccatagct	tccacagccc	caggggtgatc	660
tcaaagtatc	taattcacct	taacatgtgg	gaagggacag	gtggggcttg	g	711

<210> 2713
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 2713

nttnaacata	cangctactt	gttctttttg	caggatccca	tcgattcgaa	ttcggcacga	60
ggtgaaagag	ttcatgacct	ccttgccg	ggcctgggtg	tctgcgatca	agggtctgac	120

gatttttcata tcttttcttat gctgatttcc aa

692

<210> 2709
<211> 719
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(719)
<223> n = A,T,C or G

<400> 2709
gcnnnnnntn nnnttgcnaa tcgctaggct acttgtttctt tttgcaggat cccatcgatt 60
cgaattcggc acgagttttt tctaattcaa acgcacttct ctttattcaa accagggtca 120
aactggtcaa tgggaaaacgc cctgaagcca cgtgcctggg gagaaaggct tcctactcgg 180
ttcggttcag cgctgcgtgg gatccacgcg gctggctgtg cgcaaccccc acagttcacc 240
tcagacacta ccaagcaggt cagtcgacaa aagcaaggaa ttaaacaata aacagaaata 300
cactcagtag atttcttcta gaagctccca gagtttcttg accaccaagt cccaaccccc 360
aaagccagga gcgaggggac taacagcgca cccctccac cagtgccgac ggaaaccccc 420
ttttaaatata aaaaataaagc cagtatacat cgtagaaaat ttctcttaaa aatctcacia 480
tttgtaaatg tataattttt cttaacata aaagtttaca atataccgta aaacaaaagg 540
ctcaggaaaa taattttcaa aaaaaaggaa gaaaaagaaa cctgaagttt tgaattaaag 600
ctgaagacat ttttttaaaa ccctgttgtt gaaccagtga ctttttttta ttgngctgat 660
gggttagaga aagaaatatt taaaaacaaa nanannnnnn annnnnnnnn nnnnnnnnaa 719

<210> 2710
<211> 715
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(715)
<223> n = A,T,C or G

<400> 2710
gcnntntntn acttccnaat cgcttggcta ctcgtntctt atgcaggatc ccatcgattc 60
ngacagactc gtcnntatcag agatggggag aangtcgaag cctatcantg gagtgttagt 120
gaanggaggn ggataaaaaat tggngatgtn gttgggtcat cnggtgctaa tcancnnaca 180
tctgnaaaaag tnnatntga agggananaa tttgattatg tnttctcaat tgntgttaat 240
gancgtggac catcatataa nttgccatat aataccagtg ntgacctnn nttanctgcc 300
taccactnnt tacagancnn tnanntgaat ccnntgttnn nngntcaact ncnttaantc 360
atnantggtn acacataagg tnatangntg gnactngaga atnccagntt nncagatcca 420
tttacangcn gtnncacggn atgtcacnnc tctnctngat ctnntgacnc actgcccacn 480
gctgacett tnncaantgc tgnanngnat gtaccacatt ctgaatgtat cnnaactncn 540
atnncctgat aancatccat ntcagggaaan attgcctccc natcngnatg cntntaaaac 600
aatgaatctt gggcccctna tanctaggct gncacattat gaccangctt accctacacc 660
aatattangt aaactgaaat gaactttatg gaactgnnt nntagcacia ntctc 715

<210> 2711
<211> 721
<212> DNA
<213> Homo sapiens

<220>

cgaagttcta	gtattctgga	tcaccgtgaa	ggaagtggac	ctatagcctt	tgcccacaag	300
agaatgacac	catcttccat	gcttaccaca	gggaggcaag	ctcaatgtac	atcttatttc	360
attgaacctg	tacagtggat	ggaatctgct	ttgttgggag	tgatggatgg	acagcttctt	420
tgcccaaaat	gcagtgccaa	gttgggttcc	ttcaactggt	atggtgaaca	gtgctcttgt	480
ggtaggtgga	taacacctgc	ttttcaaata	cataagaata	gagtggatga	aatgaaaata	540
ttgctgttt	tgggatcaca	aacaggaaaa	atatgaacat	gatattttat	agcttgggaa	600
gaaacttgca	gatgatatgt	gctgcctttg	cttcttatca	ttcatggcag	atgtttgtgc	660
tttcaacatt	tcatttgaaa	tgggagaaga	taaaatcact	tgatgtacct	ggaaactatg	720
ctttacatgg	caatcaaagc	cttt				744

<210> 2707

<211> 699

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (699)

<223> n = A,T,C or G

<400> 2707

naatcgctag	gctcttggtc	tttttgcagg	atcccatcga	ttcgaattcg	gcacgagcta	60
tgatcaggac	tgactaggta	gttggcatgg	cccatagaga	acaaggaaaag	atgggctggt	120
ggattggccc	acctgggagc	cacatggggc	aaggggagcc	ctcacctca	gccagccaga	180
cgagtgggat	ttccccagc	acagcatacc	cccttcacaa	agggacaact	aaagtgtctc	240
attaagcaag	tcctggatcc	tgtgcccccc	aactgggtga	gacaccccaa	tgggtcacca	300
gacaccttat	acaagagcat	ttctactggc	atcaggtggg	tgccccctca	ggacagagat	360
cccagaggaa	ggagtggggg	ctcatctttg	ctgttctcca	gcactctctg	gtgacatctt	420
caggtgtggg	agggacccag	ataagtaggg	cttgaagtga	atccccagca	aactgcagca	480
gcctacaga	agaggtgcct	gactgttcaa	aggaaaacag	aaagcaacaa	caacatcaac	540
caaaaagtcc	ccacgaaaaa	ctcatctaaa	ggtcagcagc	ctcaaagatc	aaaatgagac	600
aaactcatga	agatgagaaa	ggaatgaaaa	acccctcaca	actcaaaagg	ccagantggc	660
ttgtttactc	caaatgatca	caacacctct	acagcaagg			699

<210> 2708

<211> 692

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (692)

<223> n = A,T,C or G

<400> 2708

tacangctac	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	gagagaacag	60
ggagaagaga	ggaagagggg	gctgcaggtg	ccagaagaga	acagggcgga	ctctcaggac	120
gaaaagagtc	aaaccttttt	gggaaaatca	gaggaagtaa	ctggaaagca	agaagatcat	180
ggtataaagg	agaaaggggt	cccagtcagc	gggcaggagg	cgaaagagcc	agagagttgg	240
gatgggggca	ggctgggggc	agtgggaaga	gcgaggagca	gggaagagga	gaatgagcat	300
catgggcctt	caatgcccgc	tctgatagcc	cctgaggact	ctcctcactg	tgacctgttt	360
ccaggtgcct	catatctcgt	gactcagatt	cccgggactc	agacagagtc	cagggctgag	420
gaactgtccc	ccgcagctct	gtctcccttg	ctagagccca	tcagatgctc	tcaccagccc	480
atttctctac	tgggctcctt	tttgactgag	gagtcacctg	acaaggaaaa	aottctatca	540
gtactttgat	atgtcacagt	ttcatgttta	tccagttcaa	tgtattttta	aatttttctt	600
tgagacttct	ttgactgata	gattattgtg	aatgtgtttt	taaattttca	aatgtttang	660

<223> n = A,T,C or G

<400> 2704

gngagggnnnn	tttnnaanat	cagctacttg	ttcttttttg	aggatccctc	gattngaatt	60
cggcacgaga	tttgaggacc	tcagacattt	ttaaaaatgt	aaagggggtg	gggtcaggct	120
cagtggctcg	tgctgtaat	cccagcattt	tggagggccg	aggcgaacgg	atcacttgag	180
gccaggagtt	tgaggctagt	ctggtcagca	tggtgaaacc	ccgtctccac	taaaacaaaa	240
agttttctgg	atgtggtggc	acacatacct	gtaatcccag	ctactttggt	ggctgaggca	300
tgagaatcac	ttgaaccag	aagacaggtt	gcagtgagcc	aagattgtgc	ccctgcattc	360
tagcctgggt	gacagtgaga	ctgtctcaaa	aaataaaggt	gtacagggat	tgtatatttg	420
acaacttggt	atgtaggatg	tgctacctct	aatgttccat	gctgttactt	agttttcact	480
cactactata	ttttggagat	ttgttcatat	tgctctgtgt	acattttaatt	cttcagtgtg	540
tatccaccac	atttaactta	ttcacttaca	gaactatgca	agaattttctc	tggtaaattt	600
cactaagtac	ttatgtactt	ttcagaacga	ttgtgagttt	acacccctac	cagcaggact	660
gagttgagta	cccatttcct	cacatncttg	ccagtcttca	tttgcctaata	tttgccttc	720
tcataatgtg	gcaattgtca	a				741

<210> 2705

<211> 709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (709)

<223> n = A,T,C or G

<400> 2705

ttnaaatcgc	tnggctactn	gttctttttg	caggatccca	tcgattcgaa	ttcggcacga	60
ggtaagttat	ttgttaagtt	agaaccctca	gtgcatggtc	tagggatctc	tgagggtccc	120
caggaccctt	tcagagaagc	catgaggtca	aaactgtttt	cataagcaga	acaaaaacat	180
tatttgactt	tttcaatgca	ttggcatttg	cattgatggg	acaaaagcaa	ggatgagtaa	240
aatgggtgat	tccttagcgt	gatcaagatg	gtagtaattg	tactagtagt	cattgtattc	300
ttcactgcca	caattttttt	taaaactacc	aatttttaatt	aagaatgtta	gtcacagttg	360
tttaaaaagct	cagaactccc	attaaaaaaa	aattttaaaaa	agaatgtctt	tggtaaagca	420
gcaaaaaactg	gatgaatttt	attaactcta	gagccttgag	taaacatctt	ttcaggattt	480
tgtgtgttga	aatagaaagt	atggggccagg	tgcagtagct	catacctgta	atcctagcac	540
tttggggaggc	tgacgtgagt	ggatcgcttg	agcctaggag	ttccagacca	gcctgggtaa	600
catagtga	accctgtctc	tacaaaaaat	acaaaaaaat	tagctgggtg	tngtgggtgtg	660
cacctggtgg	tgtcagctac	tttgggaagc	ttgaaggcaa	naaaggant		709

<210> 2706

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (744)

<223> n = A,T,C or G

<400> 2706

gagaggnttt	ctaattcnng	ctacttgttc	tttttgcnng	atccctcgat	tcgaattcgg	60
cacgaggtgg	atacctctag	tgcaatttat	aagcaatatc	gtttacaaaa	ggttacagag	120
aagtatccag	aattgcagaa	tttacctcaa	gaactctttg	ctgttgaccc	aactaccggt	180
tcacaaggat	tgaaagatga	ggttctctac	aagtgtagaa	agtgcaggcg	atcattattt	240

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (777)

<223> n = A,T,C or G

<400> 2702

ttaaacntnca gctacttggt ctttttgcag ggatcccatc gattcgctgg accgggtctt	60
ggtgctttcc agctcagggc gttggtccac ttggttattc ttggggacca aaatccaagc	120
taggatgggg acagaggcct ggagacaacc tgctggcctc cttccattaa agccattaca	180
gtgtcaccac aggattgtaa gaattacaaa tgcgttttcc agagtcccca gagaaaaagg	240
agtctggcag ttagaagagt aaagtgcac tgtcaacaaa agaaatacca aagatgagac	300
tacagcagcg acttgtcacc tcttcctgtg tgctactgcc tgagaacaga ggtttttagt	360
ttcttttaag ggttgtaaac ataaaaacaa agaaggatac aacatgcaag gcctaaaatg	420
tttactttct ggccttttac acaggcagtt cgccagcccc ctaccctaca gtatggaaaa	480
aaggcataga acagtcaaat cacgtaggat ttcttggttt ctccatgcag gctcatcgaa	540
tagcaaccat cctttcttag tttcttgaaa caagtacctt atttacattc agagaattat	600
atgtggacaa acagctcata agcccgtact tttacatact cacttcttga attgcatatt	660
gaaaaagaga gttcatgtaa agccgattat tatttaattc aaagttaatg tcacatagga	720
agcactagtg tagagaaata ggggtctgang gacaaggagc ctgtgtgccc gtgtcgg	777

<210> 2703

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (786)

<223> n = A,T,C or G

<400> 2703

cctaancgct tggctactcg nntctctgc aggcattccca tgcgattcgg gtagttaagc	60
cccccaaaaa caagacggna aagtgaataat acttcagata aaccctaaaag aaagaaaaag	120
ggaggcaaaa atggaaaaaa tagaagaaac agaaagaaga aaaatccatg taatgcagaa	180
tttcaaaaatt tctgcattca cggagaatgc aaatatatag agcacctgga agcagtaaca	240
tgcaaatgtc agcaagaata tttcgggtgaa cgggtgtgggg aaaagtccat gaaaactcac	300
agcatgattg acagtagttt atcaaaaatt gcatttagcag ccatagctgc ctttatgtct	360
gctgtgatcc tcacagctgt tgctgttatt acagtccagc ttagaagaca atacgtcagg	420
aaatatgaag gagaagctga ggaacgaaag aaacttcgac aagagaatgg aaatgtacat	480
gctatagcat aactgaagat aaaattacag gatatacat tggagtcact gccaaatcat	540
agccataaat gatgagtcgg tcctctttcc agtggatcat aagacaatgg accctttttg	600
ttatgatggg tttaaacttt caattgtcac tttttatgct atttctgtat ataaangtgc	660
accgaaggtn aaaaagtatt ttttcangtt gtanataatt tatttaatat ttaatggaaa	720
gtgtatttat tttaccanct cattaaacnt tttttaaacc aaaanaanac nntctnnnnn	780
nntccc	786

<210> 2704

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (741)

cctntagaac tatagtgagt ctattacgta gatccagaca ttgataagat ncattgatga 660
gtttggacaa accacnactn ggaatgcagn gaaaaaaaaat gctttttt 708

<210> 2700
<211> 772
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(772)
<223> n = A,T,C or G

<400> 2700
tnctaanncc ggctatngtt ctttttgcag gatcccatcg attcgaattc ggcacgaggt 60
ttgtgtgaga tttgatcata gtctaaaact atcacgtctg agttgcctta ggatgacagt 120
gctgacaccc agtaggaagt atcccatttt tatcaggaaa gtcagtcacg cgtagggatg 180
gtgaggagac gcgtagggat ggtgaggagg ggagaggagg gagacctgct ggtgcccttg 240
caccagggtg aggctgact cacgctgctt ccccccacag gccctgcttt gcttgcctgc 300
tttttccaga atcgattttg caagcttcaa gattctgttc ccctcttcgc agaagtgagg 360
aaggcaaata ctcagggttt gaaggagac ctggccggcc tgagggctgg cagatgtgag 420
ggcaggacac ctgggatgga ctcgtaggct gaccagggcc caaagggggc tgccctgttc 480
caactctttc actctgtaac ccattttaaa atgagttttt gaactctgcc tcaaattgac 540
ctacttggat aaaatcagt cttttcctaa cttgattttg tttgacgtgg ttccctctaa 600
gagaatggta ggaattgaaa ctatttgtat atgttgaaat ttgtaggggt tcaggaaccc 660
atggcagaaa cactaaacta tttatttaca agtatgacta ttttttttcc aaaagtaggc 720
aattctttgt atattttaag gcaataatc acttcacctt ctggtgcctt cc 772

<210> 2701
<211> 777
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(777)
<223> n = A,T,C or G

<400> 2701
ttaacntnca gctacttggt ctttttgcag ggatcccatc gattcgctgg accgggtctt 60
ggtgctttcc agctcagggc gttggtccac ttggttattc ttggggacca aaatccaagc 120
taggatgggg acagaggcct ggagacaacc tgctggcctc ctccattaa agccattaca 180
gtgtcaccac aggattgtaa gaattacaaa tgcgttttcc agagtcccca gagaaaaagg 240
agtctggcag ttagaagagt aaagtgcac tgtcaacaaa agaaatacca aagatgagac 300
tacagcagcg acttgtcacc tcttcctgtg tgctactgcc tgagaacaga ggtttttagt 360
ttctttaaag ggttgtaaac ataaaaacaa agaaggatac aacatgcaag gcctaaaatg 420
tttactttct ggccttttac acaggcagtt cgccagcccc ctaccctaca gtatggaaaa 480
aaggcataga acagtcaa cactgtaggt ttcttggttt ctccatgcag gctcatcgaa 540
tagcaaccat cctttcttag tttcttgaaa caagtacctt atttacattc agagaattat 600
atgtggacaa acagctcata agcccgtact tttacatact cacttctga attgcatatt 660
gaaaaagaga gttcatgtaa agccgattat tatttaatct aaagtatatg tcacatagga 720
agcactagt tagagaaata ggggtctgang gacaaggagc ctgtgtgcc gtgtcgg 777

<210> 2702
<211> 777
<212> DNA

tagcctcagg	agtgaaaaga	taaatgtcct	agatcattcc	ttatttcagt	tccccacctt	300
gcagcgcatt	ccaaccacct	gggagcattt	aaaactccag	atgcccacac	cacaccctgg	360
ggccacccat	cagaccttct	ggaagcaaga	cctgggcctc	catggcccca	aaaactccct	420
aggtgatccg	atgtgcagcc	aaatctgaga	ggccccattt	aaaaaagaaa	gaacatgggt	480
ggtcattgag	gagtatttac	attttataaa	atgacttaaa	aatttgaagg	catttttgag	540
catttccaat	tatatggaag	agttacttct	acggaatagt	ttttgctcat	ggaactcaaa	600
cagatgaagc	accactgtta	cagaataatg	tgctccagat	gaaaatgtct	cgtttctgtg	660
aatttcatga	agagcagaac	atttctcaag	aatcctcttg	agccagtaat	caatcctgtc	720
tnaaaaaaatg	ttctttgcct	tttctaaata	ctgcacaaaa	gtgggncatg	tcgacatttg	780
tncaccaccc	ctcn					794

<210> 2698

<211> 696

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (696)

<223> n = A,T,C or G

<400> 2698

aaatngcnag	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgagaa	60
gaagaactta	tcgattcctc	tcctctcagt	gacaaccaa	gaatggataa	attagagaaa	120
accaacagca	gcttacgcaa	acagaacctt	gacctccttg	aacagttgca	ggtggcaaat	180
ggtaggatcc	aaagccttga	ggccaccatt	gagaagctcc	tgagcagtga	gagcaagctg	240
aagcaggcca	tgcttacctt	agaactggag	cggtcggccc	tgctgcagac	ggtggaggag	300
ctgcggcggc	ggagcgcaga	gcccagcgac	cgggagcctg	agtgcacgca	gcccagagcc	360
acgggcgact	gacagctctg	caggagagat	tgcaacacca	tcccacactg	tccaggcctt	420
aactgagagg	gacagaagac	gctggaagga	gagaaggaag	cgggaagtgt	gcttctcagg	480
gaggaaaaccg	gcttgccagc	aagtagattc	ttacgaactc	caacttgcaa	ttcagggggc	540
atgtcccagt	gttttttttg	ttgtttttag	atactaaatc	gtcccttctn	cagtcctgat	600
tactgtacac	agtagcttta	gatggcgtgg	acgtgaataa	atgcaactta	tgttttaaaa	660
aaaaaaaaann	nnnnnnnnnn	nnnnnnnnnn	nnnnat			696

<210> 2699

<211> 708

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (708)

<223> n = A,T,C or G

<400> 2699

ttagccttgn	nttttgcnag	tcctctgatt	cgaattcggc	acgagaaaaa	cctgggtatg	60
tatctagaag	tggaaaaaca	aaaaaaggaa	ataagttatg	aaaataaaaa	ccatgtcttg	120
agctgggtgc	gctggtgtgt	gcctatatcc	ctagattctc	aagaggttga	gacaggagga	180
tcacttgagc	ccaggagtgc	aagtccaact	tgggcaacat	gacaagaccc	ttgtctcttt	240
aaaaaagcaa	ctcaaaccat	gtcttgaaaa	gctattttaat	ggtcagacac	gatggctcac	300
gcctgtaatc	ccagcacttt	gggaggccga	ggcaggcgga	tcacttgagg	tcaggagtgc	360
aagaccagcc	tggccaacat	ggcaaaaccc	agtcctctact	gaatgaaaat	acaaaaatta	420
gctggcctag	cagttggtgg	tggcaggtgc	ctgtagtccc	agctacttgg	gaggctgagg	480
caggagaatc	gcttgaattt	tgggaggcgg	aggttacagt	gaaccacat	ggcgccactg	540
cactccagct	tgggtgatag	atgagactct	atctcaaaan	aaaaanaana	aaaactcgag	600

<400> 2695

ttattttata	cagctnntgt	tctttttgca	ggatccctcg	attcgaattc	ggcacgagga	60
tgaggagtgt	ttaatcattg	atacagaatg	taaaaataat	agtgatggaa	agacagctgt	120
tgtgggttct	aacttaagtt	ccagaccagc	tagtccaaat	tcttcctcag	gacaggcttc	180
tgtaggaac	cagactaata	ctgcttgtag	tctgaagag	tcatgtgttt	taaaaaacc	240
tatcaaacga	gtatataaaa	aattgatcca	gttgagagaga	ttttaaaaat	gcaggatgag	300
ctctaaagc	caatttccag	aaaagtacca	gaattgccct	taatgaattt	agaaaattct	360
aaacagcctt	ctgtttctga	gcaattgtct	ggtccttcag	actcctctag	ttggccgaaa	420
tctggatggc	cttctgcatt	tcagaagcca	aaaggacgat	tgccatatga	acttcaggac	480
tatgttgaag	atacatcgga	atacctagct	cctcangaag	gaaattttgt	ttataagtta	540
tttagcctgc	aagacctgtt	gttactcgta	cgctgcagtg	tccagaggat	agagacaaga	600
ccacgttcta	aaaaaccgga	agaaaatcag	aagacaattt	ncagtttatg	tnctacccaa	660
agtagagtat	caagcttggt	tntggagttt	gaagctcttg	actgaaagtg	gactttgtcg	720
cttatngact	ggaaagttta	ttgctttcca	ccagctcatt	ttatgtttgg	gcatatcgat	780
gcennt						786

<210> 2696

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 2696

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ggccgagggga	gacggtcggc	agccacagtg	gcggtctggg	gcggatgggg	cggcccgccc	120
gcgggccttg	taacattctt	gcttgcaact	tgcggcaggg	ccaacttgac	cggccggggc	180
ctgggtccggc	cgggtgcaag	ttcaattgag	aacttttttg	acggaagagg	ggaccaaac	240
attccaagtg	ggagtggaa	tcctcagctg	cttctcaag	ctgcacacca	ccagccacct	300
tcacagtga	tttgttgagt	gtcaaaacat	ctcaaggaaa	tttctcctct	tctctncatg	360
gaggctatgg	cattggtact	gaagagagga	aacttaccga	agaaaccact	tatncaaata	420
cttacatttt	tgacttggtt	ggangtggtg	atcttcttgt	agaaattctt	atgangccta	480
cgatctctat	ncggggacag	aaactgaaaa	taagtgatga	aatgtncnaag	gactgcttga	540
gtatcctgga	taatacctgt	gtctgtcaga	nggagttaca	aagcgtttgg	cagaaaagaa	600
tgactttgtg	atcttnctgg	ttacattgat	gaccaagtaa	agaagacatt	nttacaacaa	660
gnaacccttc	attgaagata	ttttgggtgt	tnaaaangga	aatgatccga	ctngatgaag	720
tccccaatct	gagtccttaa	nttccaattc	gatcaanaac	aantcgctta	atttttgccg	780

<210> 2697

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 2697

nnntttnnnn	nntttaatat	ttatacacct	cttgttcttt	ttgcaggatc	ccatcgattc	60
gaaaacctgc	tgtcaaggct	tgaagagccg	gcacactcaa	tggcaaacac	agcaccgagt	120
ctgctctgaa	tcctggagga	tctggccctc	ctctcaaccc	ccactcacag	tcaccgtctt	180
acaactcagg	gccacctggg	atcagtcatt	agtcagggtg	cgtaagcctt	gaataccagg	240

<221> misc_feature
 <222> (1)...(816)
 <223> n = A,T,C or G

<400> 2693

nnntttanta	tntntacagc	tntcggctnt	tgcacgatch	catgatccca	tnnattnngn	60
ttaattccct	gaatccctact	tgaacattgt	ataaatttct	ctttgcatat	aatacatatt	120
tgtgaatgag	acatatccccc	aaaaaattct	tatctctgta	tgtgattgga	aaagaaaaga	180
tcacatttgt	atattcaaca	atctttcacc	tatttcataa	gtcatttttt	caccctgtat	240
agtatgggaa	ttatttttta	tgtaaataag	aaactgaatg	tactgggttg	aatgggtgtcc	300
tctccaaaat	tcattgtactt	cctggagcct	cagaatgtga	ccttatttgg	aaatactgng	360
gttggtggtg	taagtagcta	agatgangtc	atactggagc	agggcaggcc	cttaatccaa	420
tatgactggg	gttccttata	aaaaaaagat	aanggcgggc	atggnnngct	cacgcctgta	480
atcccagcac	tgtggggagc	caagccaggc	aaatcgcttg	aggctgagga	gttcaagacc	540
agcctggccc	aacatggcga	aaacccatct	cttctaaaaa	taaaatttagc	catgccgtgg	600
tgcttgtaat	gtcagctacc	ccaagaatct	gangcacaac	gaatcacttc	gaacctggga	660
agnggaggtt	gccanaaccc	caccactggc	actncagtgt	ggagcaacaa	aaccgagact	720
cttgtcttca	aaaaaaaaana	nannaaannn	nnnnnnnanc	ctcgnancct	ttaaaacttt	780
agggagccg	tntttacgta	natcccaaac	atggat			816

<210> 2694
 <211> 786
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 2694

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tgtgggttct	aacttaagtt	ccagaccagc	tagtccaaat	tcttcctcag	gacaggcttc	180
tgtaggaaac	cagactaata	ctgctttag	tctgaagag	tcattgtgtt	taaaaaaacc	240
tatcaaacga	gtatataaaa	aattgatcca	gttgagaga	ttttaaaaat	gcaggatgag	300
ctcttaaaag	caatttccag	aaaagtacca	gaattgccct	taatgaattt	agaaaaattct	360
aaacagcctt	ctgtttctga	gcaattgtct	ggtccttcag	actcctctag	ttggccgaaa	420
tctggatggc	cttctgcatt	tcagaagcca	aaaggacgat	tgccatatga	acttcaggac	480
tatgttgaag	atacatcgga	atacctagct	cctcangaag	gaaattttgt	ttataagtta	540
tttagcctgc	aagacctgtt	gttactcgta	cgctgcagt	tccagaggat	agagacaaga	600
ccacgttcta	aaaaaccgga	agaaaatcag	aagacaattt	ncagtttatg	tnctacccaa	660
agtagagtat	caagcttggt	tntggagttt	gaagctcttg	actgaaagt	gactttgtcg	720
cttatngact	ggaaagttta	ttgctttcca	ccagctcatt	ttatgtttgg	gcataatcgat	780
gcennt						786

<210> 2695
 <211> 786
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<210> 2691
 <211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (776)
 <223> n = A,T,C or G

<400> 2691

tattttatac	agctnttggt	cttttgcagg	atccctcgat	tcgaattcgg	cacgaggcca	60
ggtgtcattg	cacatgcctg	cagtocctgg	tactaggagg	gctgaggcag	gagaattttt	120
tgcacccaga	agttcaaggc	tgcatgtgag	tatgatcaca	ccatggcact	ccagcctggg	180
caatagaatg	agacccagtc	tctaaaaaag	tagaagttaa	aaaaaaagat	taagaataga	240
tgtagggcag	cagaattttc	aacttctttt	cagcatcaca	atactttaaa	acagtgattg	300
tcactctgct	caaaccatt	gcctctcaca	taggaaatat	tttgaaacat	attttttagt	360
accttgaaat	gaaattcatg	ataattaacc	catctacaca	catttttaaa	aatcaatata	420
gggccctaac	agcaatataa	aggggaaata	aaaagaaact	aattgtataa	aaataatatt	480
gatttcaata	agtacattct	agccagtg	ttataaattt	taatgtgcat	atgaatcatc	540
cagcattctt	attaaatgca	gattctagtt	cagtagattt	tggttcagta	ggtaagccct	600
gagatttggc	atttctagca	gctnctagat	gatgccacaca	ctgctgttta	gtaaagagca	660
tactttgagt	agtaanggcc	gaaaagtata	aaaaaaaaaa	aaaaaaaaaa	aactcggcct	720
ctanactata	ggagtcgtnt	tacgtanatc	cngactgata	agatcattgg	tgagtt	776

<210> 2692
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (774)
 <223> n = A,T,C or G

<400> 2692

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actggctgtg	cttgttgctt	ctgggcccctc	ctggggacaga	gctgggaagt	ggatctatga	180
cacgtgcttg	tgcattttacc	cgccctgttg	gtttctgtag	ctgtctagtt	cctgctgttc	240
ctgtctcacc	tgcccctttc	cttatgtgta	gtttcttcct	gtgacagga	gaaacctggc	300
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tgtgccccag	ggaggcgag	tcactatgga	ggcaccttac	ttccttaatc	gtgtactggt	420
gtttttgtgt	ttgacctgta	gcactaagt	actggtttca	aaagttgcct	agatgagttc	480
ttttctttct	ttcacctcct	gcaaattatg	tgatttgcac	aatttgtaca	taagttaggt	540
tcatttggtta	gtttgtattc	cttttggtt	cccccatatc	ctcgttgact	ttttctttct	600
tttgtaactt	acatatgtta	tgaaattata	tgaggatata	taatttcata	aatgtttatg	660
ggttacatgt	attaattggt	attattaaaa	ncacctggg	attgactggc	caaccatttg	720
gtggaagata	gcaataaata	atacatcata	aaagacttta	atgtaaaaat	aaan	774

<210> 2693
 <211> 816
 <212> DNA
 <213> Homo sapiens

<220>

<211> 1157
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1157)
 <223> n = A,T,C or G

<400> 2689

nttncctnng	naaaaaaccc	nccnttttaa	aantttcaaa	attccccccc	cntttttttt	60
ggaaccccc	cnttttgn	cn aaggaaaaa	cccccaann	agaaacttnt	tttaaantnta	120
cgggggacca	caggnaagg	cc aggcacctg	tcccaaattg	cccggnaant	ttttattttaa	180
ccacccaaac	aagaaaaacng	agaantacgc	caccccggn	annggccaaa	aggnaagaa	240
gngggaacaa	gcntnacnt	gtgnctngca	acanacangn	gtggcnngaa	ancanccagg	300
actnccggt	acatcaaatt	gcccannngg	cgcnncncat	gttcttaacc	anccggaata	360
ggggacaatc	aattggttgn	cntttgngcc	tgccgaaaag	ctagctgggn	anatctgcn	420
ggttaaataa	gccccnttaa	acggaagggc	anangggggn	aacnnaanaa	ggtnangcca	480
ttcccgccca	cgggaatgaa	gnaatgggga	ancccgctt	ggngggggna	agtcangcan	540
aaacggcttg	acgnaaaaaac	aaanccattc	ncccccaant	tnngtanaang	gnncccaang	600
aaatncnnc	acngcnaag	ncccccnngg	gcnaatgnnc	ccaaatcccc	tcccattnn	660
atnttatgna	aaccaccttt	ngggggaaaa	aaaaaaaaag	nccntttntt	ngaaaggaaa	720
gggttgcccc	attgggctat	gggaaggngn	ncnnccccaa	attanaaaan	ttnnngggnga	780
naaaaaannn	gggcnncccc	gntttggggg	ncgnctttgg	gcaaaccacc	ccccgtgccc	840
ccaaaaangc	ccaatgggta	ntccctaaaa	aaaaaaagtc	ccccnttng	tgggaaaaan	900
ccccggggag	agggccccgn	gtttcaaagg	gggaanaatc	ccaaaaaaaa	ccnaatccta	960
naanggccaa	angnggnt	ncctnaaann	nnggnaatng	ncaaaagggn	ggngaannaa	1020
accnttgggg	anggcngaatt	ttccccctg	gaaaaacccg	gggggggncc	cctcnccgna	1080
ananaaaaaa	aaccnnttca	aaccnngggg	gccntcnccg	ggtgcccggg	acncttttg	1140
aaaagatcca	cncccg					1157

<210> 2690
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 2690

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tattttctac	aataagtaata	atgggtacaa	ttgactacct	tgtnggagtt	ccatctccta	120
aacttcatgt	tcctgaaaaa	tttgagccta	ctcatccaga	gagagggtgg	atcataagcc	180
cactgggaga	taatccttgg	tggaccttat	taatagctgc	tattcctgct	ttgctttgta	240
ccattctcat	ctttatggat	caacaaatca	cagctgtaat	tataaacaga	aaggaaacaca	300
aattgaagaa	aggagctggc	tatcaccttg	atttgetcat	gggtggcggt	atgntgggag	360
tttgctctgt	catgggactt	ccatggtttg	tggctgcaac	agtgttgcaa	taagtcatgt	420
caacagctta	aaagttgaat	ctgaatgttc	tgctccaagg	gaacaaccca	agtttttggg	480
aattcttgaa	cagcnggtta	caaggctaatt	gatttttatt	ctaattgggc	tctctgtgtt	540
catnacttca	gtcctaaaga	ttattccaat	gcctgttctg	tatgggggtt	ccttttatatg	600
ggagtttcc	cattnaaagg	aatccagtta	tttgaccctg	atnaaatatt	tgggaatgcct	660
gcttaagcat	cagcctgatt	tgatatacct	ncgttatgtg	ccgctctgga	aggccatatt	720
ttacagtc	tcagcttact	tgtttggtcc	ttttatnggt	gataaaang		769

atccttccan	tttaaaaana	aaaatgtttg	gaaaccccaa	aaaaaaaaaa	aaaaaaaaaa	780
aaaaaaaaacn	ttcggagncc	ccttttttaa	aaacnttttt	aggggggggg	cccnttnntt	840
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<210> 2687

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (794)

<223> n = A, T, C or G

<400> 2687

nnntttnnnn	nnnttaatat	ttatacacct	cttggtcttt	ttgcaggatc	ccatcgattc	60
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ctgctctgaa	tctggagga	tctggccctc	ctctcaaccc	ccactcacag	tcaccgtctt	180
acaactcagg	gccacctggg	atcagtcac	agtcagggtg	cgtaagcctt	gaataccagg	240
tagcctcagg	agtgaaga	ttaaagtctc	agatcattcc	ttattcagtg	tccccacctt	300
gcagcgcatt	ccaaccacct	gggagcattt	aaaactccag	atgcccacac	cacaccctgg	360
ggccacccat	cagaccttct	ggaagcaaga	cctgggcctc	catggcccca	aaaactccct	420
aggtgatccg	atgtgcagcc	aaatctgaga	ggccccattt	aaaaaagaaa	gaacatgggt	480
ggtcattgag	gagtatttac	attttataaa	atgacttaaa	aatttgaagg	catttttgag	540
catttccaat	tatatggaag	agttacttct	acggaatagt	ttttgctcat	ggaactcaaa	600
cagatgaagc	accactgtta	cagaataatg	tgtccagat	gaaaatgtct	cgtttctgtg	660
aatttcatga	agagcagaac	atttctcaag	aatcctcttg	agccagtaat	caatcctgtc	720
tnaaaaaatg	ttctttgect	tttctaaata	ctgcacaaaa	gtgggncatg	tcgacatttg	780
tnacccacc	ctcn					794

<210> 2688

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (775)

<223> n = A, T, C or G

<400> 2688

ttnanntttt	aaaccctttg	tnctttttgc	accatcccat	cgattcgaat	tcggcacgag	60
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acactaacia	acatggctaa	aaagcacatg	tcagaacaca	gaagcctagg	tagatggttg	180
acatttttat	aacttcctta	agtgagtagt	taaaccagca	gtcttaattc	tgttggtctt	240
ccaagagtgt	ttaattacat	aagtattacc	tgtattcatt	tcccacaact	gntgggtttt	300
tctttctttt	tttttttttt	tcctctgngc	atcctanaaa	aactcccagg	actagactta	360
ggaggaggca	atcaagttat	gtggtaaaac	aagagtgcct	tttctgttgg	atatccactt	420
tagtttctctg	gcttccaggg	cataagatgt	ttanaaaactt	tttttctcta	aacataagaa	480
ttattgtgtc	cacaattttg	aaccaccgat	ttccatatct	tcagcagcta	tcaacttgcc	540
aattcccttt	gggtctcctt	tgnatattct	tatgtttcct	tctgnttcca	ggtgcctcaa	600
aaagagttga	ggggggcatg	actcttataa	aatggataaa	aatgaactgt	acagatgttt	660
gcctccttgt	tctgtgagca	tgactctatc	angctggaaa	ancgctttat	cattttggat	720
atttgaccat	tttggtattca	gcattacttg	actccttatg	tgcnttgcca	atggtt	775

<210> 2689

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ggtattgact	ggggaagtga	taagtgtcca	tgaaatcttt	acaatttatg	tttagagatt	540
gcagtaaaga	cangcataag	aaattataaa	aagtattaat	ttggggaact	aataaatgtc	600
catgaaacct	tcacaatcca	tgtttttctg	ccatggcttc	aaccagtccc	cccgtttggg	660
gtcctgactt	nctgcaacaa	tgtcctgcag	gaaaagtttt	tctttatatc	cagtttttac	720
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<210> 2685

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (775)

<223> n = A,T,C or G

<400> 2685

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ataacaagaa	aaccatttaa	tgtaaagatt	tgtaaataat	cacttcaaaa	gaagtgcctt	120
gttgctgtca	catttagtcc	atcttcatat	aattcttata	tgggccagtt	tcttgggcat	180
gggacatgtg	cagttacaca	agcctgtgct	cttaagaggg	tcttacctat	agtttaaatgt	240
tctgctgttg	tagtcttgaa	attcttaatg	atttaacaag	gggtcctcca	ttttcatttt	300
gcactgggcc	ctgcaaatta	catagcccat	cctgatttct	acaactatag	aatagcacia	360
tgggaattcc	atatggatta	ataatatgtg	acacttacgg	ctttttctat	acgcttccaa	420
gtacttcata	taaattactt	catttcattc	aatggtagaa	ttggtagatg	cttaactttt	480
aatgaaagac	aaagtcagat	tcactctaag	gattaaaaaa	tatatgtaac	attacatttt	540
aaagattttc	aaaaacaatt	tgttgtggaa	atgaattatt	gncatgagat	atnccccact	600
agacggactt	cctgtanggt	cangggctct	ggtcttctgt	anggatgaac	caagcttttc	660
ttgaanggcc	angtgctaag	tgtctcaagc	tttgtctgtt	aaggactacc	cactctgctg	720
gtgtagcaag	gaacacanct	ggttgcagcc	agatnctcaa	atgancaage	ctntt	775

<210> 2686

<211> 899

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (899)

<223> n = A,T,C or G

<400> 2686

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cctacgagga	tgtaggtcac	cgcccaggca	caccaccccc	cccttatact	gtggccccag	120
gccgccccct	gactgcttnc	agtgaacaaa	cctgctgttc	ctcctcatcc	agctgccctg	180
cccactttga	aggaacaaat	gtggaagggt	tttcctccca	ccagagtgcc	ccccctcatc	240
aggaggggtga	gcccggggca	gggngaccc	ctgcctnca	acccccctcc	tgccgntatc	300
gccgtttaac	tggcgactcc	ggtattgagc	tctgcccttg	tctgcctcc	ggtgagggtg	360
agccagtcaa	ggaggtgagg	gtagtgcca	ccctgccaga	tctggaggac	tactcccgtg	420
tgccttacct	ccanagtntg	taccgcanat	ctttcccatg	gggctgtctt	ncagtgaag	480
gggacatncc	ataatagttt	tganagggtg	gatgggttac	tttgcaccac	aaaaacagcc	540
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ttgccttgaa	aaagggtctt	gggaaaangg	ggcaanaaat	ttgggggggg	aacttggtgc	660
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<400> 2682

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ggcttaaagg	gcaagaacgt	gcggatttat	caaatagcct	tgaggaaata	tatattcaga	180
atatcggtga	aagtattctt	tacctgtggg	tggagaaaat	aagagatggt	cttatacaaa	240
aatctcagat	gacagaacca	ggcccagatg	taaagaagaa	aactgaagag	gaagatgttg	300
aatgtgaaga	tgatctcatt	ttagcatgtc	agccggaaaag	ttcgggttaa	gcattggatt	360
ttgatatcag	tgaaactcgg	acagaagtag	aagtagaaga	attacctcgg	attgatcatg	420
gcatttcctat	tacagaccga	agaagtactt	ttcaggcaca	cttgggtcca	gtgggtttgtc	480
ccaaacaggt	gaaaatgggt	ctttccaaat	tgtatgagaa	taagaaaata	gctagtgcc	540
cccacaacat	ctatgcctac	agaatatatt	gtgaggataa	acagaccttc	ttacaggatt	600
gtgaggatga	tggggaaaca	gcagctgggtg	ggcgtcttct	tcattctcatg	gagattttga	660
atgtgaagaa	tgtcatgggtg	gtaagtatca	cgctgggtatg	gagggattc		709

<210> 2683

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (780)

<223> n = A,T,C or G

<400> 2683

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cttcgtttaa	aaaaaaaaaa	tttacttctt	acaattcttg	aggccaggaa	gaccatgac	180
aggtgccagc	atctgggaag	ggccttcttg	ctgtcctccc	atggcagaag	atggaagggc	240
aagggagagc	taacatgctc	ccgcaaaccc	tttttataat	ggcatcaatc	aaatatgagg	300
ccagagtcct	tgtgacctaa	tcattctccc	gaaggctccg	cctcccaacc	ctgttgcat	360
gggattaagt	ttccaacaca	tgaattgttg	agacaacaca	ttcaaaacat	agcattccac	420
accttggggt	ccccagattc	atgtcctcac	atgcaaaaata	aattcattcc	atcccaatag	480
cccttaaaaa	gtcttaactt	gttcagcat	caacttttaa	gtcaaagtcc	aaagtctcat	540
ctaaatcaga	tatgagttag	actcaaggca	tgattcatca	tgagacaaan	gatgtacatt	600
tgcaatgttt	gtcatgtcag	acaaaacaaa	aatatgtaaa	tatccatcaa	tanggggaact	660
gctggaaaaa	tttttttgn	taatcataaa	atgaaacatg	ccgatgttta	aaccaatgga	720
gctagatctc	aacgtgctga	tattggaaat	gcttcaaaat	gtnttaangg	acataaaaata	780

<210> 2684

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (777)

<223> n = A,T,C or G

<400> 2684

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ggcacgaggg	gagactgggg	tctatttcac	ccctgcagtc	tcgaccataa	gagatggcta	120
cacccagggg	ggccagttca	gagacccact	cccagggtgtg	cattctcttt	ctcaaggatg	180
ttccttgctg	agaaaaagaa	ttcagtata	tttctcccat	ttgcttgtag	aagaagagaa	240
atgtggcttt	gttcacctg	gtccaccggc	ggcagaattt	aagggttatct	ctcttgtttc	300
ctaaacattg	ctgttatcct	gttctttttt	caagggtgcc	agatttcata	ttgctcaaac	360

<220>
 <221> misc_feature
 <222> (1)...(768)
 <223> n = A,T,C or G

<400> 2680

ttntatcagn	tcttggtttt	gcggatccct	cgattcgaat	tcggcacgag	agatgggtta	60
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tctggacatt	ggcctaggca	agaattttat	gatgaagacc	tcaaaagcaa	acataacaaa	180
accaaaaaata	gacaaatgag	atttaattag	aaaaacttct	gcacagtaaa	agtaataatc	240
aacagttaat	agacaacctt	tggaatggga	gaaaatatat	gtaaattata	catctgacaa	300
agaactaata	tccagaatct	acaaagaact	cacaagaaaa	aaaccaaccc	cacaagcggg	360
caaaggacat	gaacagacat	ttcccaaaaag	aagacatata	agcaacctaa	aataatctaa	420
aataattttt	aaaaagaaaa	aatgcttgac	agagttttga	tagtacttag	taaaaagtta	480
tatctagtgg	ctttttgntt	gnttggtttt	gntttggttt	taagaggtag	tctctgtttc	540
ccagctggag	tgcagtggcg	caatcttttg	ctcgctgcgg	cctcgaactc	ctgggctcaa	600
gcgatccttc	agcctcagcc	tnccaagtag	ctgntatagg	catgcccccc	ccttccgact	660
natnatctgc	tatcaatata	taatggttnc	ctttggctta	tttangaagt	aacactttta	720
tgcttttgaa	aaaaaaaaaa	aaaaaaactc	gagcctntan	actntgtg		768

<210> 2681
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 2681

tttnnnnttt	taaattatca	gcttttggtc	tttttgcagg	atcccatcga	ttcgtggacg	60
gcagagccca	agtttcaagc	tttccctgtc	cagtggaaacg	aagactaacc	tcaccagcca	120
gtcatctaca	acaaatctgc	ctggttctcc	gggatcacct	ggatccccag	gatctccagg	180
ctctctctgga	tccgtacctt	aaaatacatc	tcagacggca	gctattacta	caaagggagg	240
cctcgtgggt	ctggtagatt	atcctgatga	tgatgaagat	gatgatgagg	atgaagataa	300
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acttaagcct	ttgagctctc	cagcttggac	cacacattgc	ccttttntna	gggaaggaaa	600
tggaaacaaa	aagccaacag	ggcagggggt	ttgtaaagtg	gaactcttgg	attgactggg	660
cagttgctac	aatcaaaaata	tgctttcttg	gacctggttt	gagactcaaa	anaatggggc	720
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nctttnaaat						790

<210> 2682
 <211> 709
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(709)
 <223> n = A,T,C or G

<210> 2678
<211> 875
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (875)
<223> n = A,T,C or G

<400> 2678
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ctgccgcctg accctgtgtc caagagactc caggctgagc tggctgaccg acccaatccc 180
cctaccgcgc ctctgcccgc tgaccgcgtg gtgagaagcc cgaagtctca ggggcccagc 240
aagccccac ccccaaggaa gccactgcct gccgaccccc agggccggtg cccatcgggt 300
gacctgccg cccaggggct ggaatcccgc ccctagtggg accctccaga ccaagcgcca 360
ccgncttcga cagtgtcttc gctctacctc tgacctctcc ggaggttccg ctgctccaag 420
ccggacttaa ggcttcaaga ggcgggcgtg ccctctggag tcccctacca tgactgaagg 480
cgccagagac tggcgggtgtc ttaanacttc gggcacgcgc acgcgctgtc aagcaacaac 540
tctgcggaac ttcccggcgt aatttgcaac cgggggcttg ggggaagggg cttgggggtt 600
tggaaccggg attgaaggaa aggtncgcga caaacctggt ctttttgntt caaatttgcg 660
aataaaaaac ttgnacaatt ntttggggga agccggtttt nnnnnnnnan aannnnnnnn 720
nnnnnnnnnn nnnnnnnna anncccttcg aagccctttt taaaaaactt tttaggggag 780
gtcgnantta acgttnaat nccnaaaacn ttgattaaag aataccattt gggtgaaatt 840
ttggggacna aancccaaaa anttagaaat ggcg 875

<210> 2679
<211> 772
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (772)
<223> n = A,T,C or G

<400> 2679
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cgtncctctcc gcaacagccc ggccgggtcga attcggcacg agtccaagag gagaagcatg 120
ttccaaaacc cttaactttg ggaatttaga actagctttt ttactatctt ctgcacagca 180
taacttcagt ctccctttac taattcaagg aaatctcagt gaacaaattg tataagggta 240
gatgagctaa aagctcactg agtcattaat ttgtcataac tcactctaat acaatgatta 300
ggcttgtgta ggtgtcccta gtttctcttt ctaaactcatg tcttagtagg gacagagcaa 360
taatgggtgga tcgtggcaac ggggaaggaa atgatgtgtc agttatctat tgctgtatga 420
cagtcacaaa accttagtac ttactacaga aacaatgatt tgtcacattt tgtgggttgt 480
ctggatgggt gttttgctta tatgggtgcag gctgagatta ctcatgcagc ttcacagttc 540
ttttgcttat atgggtgcag ctgagattac acatgcagag gaaagatggg ctctgntcct 600
cattcgtatg cctggggcct tgggtgcgggt tgtggcaatg gcgtcttggn tctccatgtg 660
ccgnctctcc agcaggataa cctgtntttt tctcacacca tgacactggg gttccaggan 720
natcaancca nnancngcta naccattan naactaggcc ccaaaanttg ct 772

<210> 2680
<211> 768
<212> DNA
<213> Homo sapiens

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catgcttgta	tcaaaacatc	atattntacc	ccacaaatat	atacaaaaaa	cttnaaattt	720
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catt						784

<210> 2676
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (784)
 <223> n = A,T,C or G

<400> 2676						
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tgagctaccg	cgcccggcct	atttactttt	cttactaagc	tggggatcac	cgtcgcccctc	180
ngcttggcag	gaaggcngng	gtgcaagaag	aaaagaggta	cagaacaccc	agagggtgccc	240
tcgattccgt	nttgcaacttg	cccttctccn	accgtccanc	aatnaagcga	gagaaacaag	300
tgcaggaaac	tggncggcag	tcatggggaga	acaaaaaaga	caggagttca	gtggcatnac	360
canggctcac	tgcaaccttg	atctggggctc	aantgatcct	cctacctcag	cttccctgagt	420
agctangacc	acagggtgtgc	accaaccaca	cccgactaat	ttttgtagag	atgagatccc	480
actatgttac	ccaagctggc	ttgaactcct	gggctcangt	gatcatctgc	ttggctncca	540
aagtactggg	attataggct	tgagccaccg	tgccctggcct	gtgatcacia	ttctcatttt	600
tttanticact	aaaaatgctg	gggggcactc	cattcttcat	tatgtgatta	gatcacattg	660
catgcttgta	tcaaaacatc	atattntacc	ccacaaatat	atacaaaaaa	cttnaaattt	720
taagtattaa	ttgctcanga	aaaaaataaa	ngcttggggn	gctgnaaact	tnaaggggccc	780
catt						784

<210> 2677
 <211> 818
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (818)
 <223> n = A,T,C or G

<400> 2677						
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cgctgtttgg	ggatgtggcc	atgggtggtg	aattcttgag	ctgttattct	gggctacttt	120
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tgcatctctgt	ttcagagctg	gtgcggctct	gcttgccgag	atctgatgtt	caagaggaaa	360
gcgagggtctc	aaacacagat	gacaataaag	attcactgca	tttgaggata	atgagggtaca	420
agatgagttc	ctagaaaagc	tggagacctc	tgaatttttt	gagctgacgn	cagaggagaa	480
gctacagatc	ttgacagcac	tgtgccaccg	gatectcatg	acatactcag	tgcaagacca	540
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aggaagaaaa	tgattaagaa	gaagagcngg	antaaaccgn	aaaccgggaa	agaaaatggg	660
aagnccaaaa	aaaaaaaaaa	aaaaaaaaact	cgaaccctct	taaaaactat	nagtnagagt	720
ccgtattacc	gtttgaatnc	nggacnttga	atnagaaacc	attggatgga	gttttggncc	780
aaaaccccaa	ncttagaaat	ggcngnggaa	aaaaaatg			818

aattgaagaa	aggagctggc	tatcaccttg	at ttgctcat	gggtggcggt	atgntgggag	360
tttgctctgt	catgggactt	ccatgggttg	tggtctgcaac	agtgttgcaa	taagtcatgt	420
caacagctta	aaagttgaat	ctgaatgttc	tgctccaagg	gaacaacca	agtttttggg	480
aattcttgaa	cagcnggtta	caaggcta	gattttttatt	ctaattggg	tctctgtgtt	540
catnacttca	gtcctaaaga	ttattcca	gcctgttctg	tatgggggtt	cctttatatg	600
ggagtttctt	cattnaaagg	aatccagtta	tttgacccgt	atnaaatatt	tgggaatgcct	660
gcttaagcat	cagcctgatt	tgatatacct	ncgttatgtg	ccgctctgga	aggccatatt	720
ttacagtc	tcagcttact	tgtttggtcc	ttttatnggt	gataaaaang		769

<210> 2674

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (790)

<223> n = A,T,C or G

<400> 2674

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ctcctgggct	caagcgatcc	gcccgcctcg	gcctcccaca	gtgctgggat	tccaggcgtg	120
agctaccg	cccggcctat	ttacttttct	tactaagctg	gggatcaccg	tcgcccctcg	180
cttggcagga	aggcgggggt	gcaagaagaa	aagaggatca	gaacacccag	agggtgccctc	240
gattccgtct	tgcaattgcc	cttctcccac	cgtccagcaa	taaagcgaga	gaaacaagt	300
caggaaactg	gccggcagtc	atggggagaa	ccaaaaagac	aggagttcag	tggtcatgacc	360
agggtcact	gcaaccttga	tctggggtca	agtgatcctc	ctacctcaac	ttcctgagta	420
gctaggacca	caggtgtgca	ccaaccacac	ccgactaatt	tttgtagaga	tgagatccca	480
ctatgttacc	caggtgtgct	ttgaactcct	gggtcgaagt	gatcatcctg	ccttggtctt	540
ccaaagtact	gggattatan	gcttgagcca	cccgtgcctg	gcctgtgatc	aaaattctca	600
tttttttagt	cactaaaaat	gctggggggc	actccattct	ncattatgtg	attagttcac	660
attgcatgct	tgtatcaaaa	cattatatnt	tcccccncaa	atttntncca	aaaactttta	720
aattttaagt	atttaattgg	ttcaggaaaa	aaataaaatg	ctggggggggc	tgaaatctca	780
angggcccat						790

<210> 2675

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (784)

<223> n = A,T,C or G

<400> 2675

tatactatca	gctacttggt	ctttttgcag	gatcccatcg	attcgctgggt	ctccaacctg	60
gtctcctggg	ctcaagcgat	ccgcccgcct	cggcctccca	cagtgtggg	attccaggcg	120
tgagctaccg	cgcccggcct	atttactttt	cttactaagc	tggggatcac	cgctgccctc	180
ngcttggcag	gaaggcngng	gtgcaagaag	aaaagaggta	cagaacaccc	agagggtgcc	240
tcgattccgt	nttgcaattg	cccttctccn	accgtccanc	aatnaagcga	gagaaacaag	300
tgaggaaac	tggnccggcag	tcatggggaga	acaaaaaaga	caggagttca	gtggcatnac	360
canggtcac	tgcaaccttg	atctgggctc	aantgatcct	cctacctcag	cttccctgagt	420
agctangacc	acaggtgtgc	accaaccaca	cccgaactaat	ttttgtagag	atgagatccc	480
actatgttac	ccaagctggc	ttgaactcct	gggctcangt	gatcatctgc	ttggctncca	540
aagtactggg	atttataggct	tgagccaccg	tgcctggcct	gtgatcaca	ttctcatttt	600

tcaaantntnn	nntaancctt	tttaagatca	gcacttggtc	ttttgoggat	cnntccatgg	60
gtagaangga	tgctcgtacc	nnnaaganca	ntaccgagac	gtgcagctgt	ccaaggctct	120
gtcctatgcc	ctgcgccatg	gggccttgaa	gctggggctt	cccatgggag	ctgatggctt	180
cgtgcccctg	ggcaccctcc	tgcagttgcc	ccagttccgc	ggcttctctg	ctgaagatgt	240
gcagcgcgtg	gtggacacca	ataggaagca	gcggttcgcc	ctgcagctgg	gggatcccag	300
cactggcctt	ctcatccggg	ccaaccaggg	ccattccctg	cangtaccta	agttggagct	360
gatgcccctg	gagacaccgc	aggccctgcc	ccgatgctag	tccatggtac	attctggaag	420
cactggccat	ccatcctact	caaaggcctg	tcctgccagg	gaaggacgca	cattcacctg	480
gccccaggac	tgccctggagc	cccggatatca	tcagtggcat	gcggncctat	tgtgaaatag	540
ctgtgtcatc	gatggaccct	ggctctggca	gatggaatac	ccttcttccg	ttctgccaat	600
ggggtgattc	tgactccang	gaatactgat	ggcttccctc	ttccaagtcc	ttaangangn	660
cctgancttc	nccttaccca	aagccctttc	cttggctggg	gatgaaaaaa	caantgtcan	720
aatancccca	agcacagttc	canaaaaag				749

<210> 2672

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (782)

<223> n = A,T,C or G

<400> 2672

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cacgaggacc	agggctcact	gcaaccttga	tctgggctca	agtgatcctc	ctacnntnagc	120
ttcctgagta	gctaggacca	caggtgtgca	ccaaccacac	ccgactaatt	tttggttagag	180
atgagatccc	actatgttac	ccaggctggg	cttgaactcc	tgggctcagg	tgatcatcct	240
gccttggtt	ccaaagtact	gggattatag	gcttgagcca	ccgtgcctgg	cctgtgatca	300
gaattctcat	ttttttagtc	actaaaaatg	ctgggggggc	actccattct	ccattatgtg	360
attaagttca	cattgcatgc	ttgtatcaaa	acatcatata	tacccacaaa	atatatacaa	420
aaaactttaa	aattttaagt	attaattgct	cangaaaaaa	ttaaaatgct	ggggtgctga	480
aatctcaagg	gccccattac	aaaactcctt	angaacctcg	ccctcttntg	gtcgaaggac	540
tggttccaga	atgagagaat	taaaagacat	tcccgccaaa	atgtcataat	gtcaccocgg	600
aaacctgcga	atatgttata	ttacatgacc	anggagaant	aagggtgcan	atggcagtaa	660
gggtgcta	gggctgacct	taananaagg	agatgatcct	ggattatctg	ggnggaccca	720
atgtaatcac	aagggtcctt	actggggaaa	atgaggnggc	tgatcaaaag	caantgatca	780
tg						782

<210> 2673

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 2673

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tatttctcac	aatagtaata	atggttacaa	ttgactacct	tgtnggagtt	ccatctccta	120
aacttcatgt	tctgaaaaaa	tttgagccta	ctcatccaga	gagaggggtg	atcataagcc	180
cactggggaga	taatccttgg	tggaccttat	taatagctgc	tattcctgct	ttgctttgta	240
ccattctcat	ctttatggat	caacaaatca	cagctgtaat	tataaacaga	aagggaacaca	300

<221> misc_feature
 <222> (1) ... (789)
 <223> n = A,T,C or G

<400> 2669

tatntatata	gctacttggt	ctttttgcag	gatcccatcg	attcgtggag	gtctcctttc	60
gccccagccc	aggtggccaa	gcccacctcg	gcctcagaac	atgctgagca	cattttgtag	120
ggtggcacct	ttttatccaa	gttactagct	acacatcant	gtttaaagag	aaaaaagtga	180
ccttttcattt	ttttttcttg	aaacttgagg	aaacaagata	catactactg	atTTTTTTTT	240
tcttaaaact	aaatgcatga	ctgcagangg	tagagggtga	tatttttcat	actgtggggc	300
aaagtatttg	tgctgctttt	tggagatgga	ctggaacgtc	tggtttctgt	ccccngggcc	360
ggcagctacg	tctattttct	gtanaagggtg	ccacagttag	acctggagcc	accccttnct	420
gccctggcgc	cgtttanagc	tgggancccg	tggactcccg	gcctgtttct	accttctatt	480
caaccactct	gacgtgggga	gacaaaaaca	aataaaaactt	tttgatagtg	tggtaaaaaac	540
attgatattga	actatttttag	taaaaggagt	gacaaaacaag	aatgtgatag	tgtctacttt	600
gagctaaata	ataaangcct	ctttgtgaac	ctnctgggnt	ttanngcang	gcnnnaaagt	660
ttttnnaaaa	atgnngannn	aaactnganc	cttnaaaaaac	tntanggagg	cgtnttcctt	720
tantncccgga	catganaaaa	aacctttgat	gnngtttngg	ncaaaccccc	aacttanaan	780
gccgtggna						789

<210> 2670

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (780)

<223> n = A,T,C or G

<400> 2670

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tttacagcgc	cttgtgcagc	cttagatttt	aatattcttt	tgtcattggt	acatctcata	120
gagtaaagct	cttattacct	tgatcctgag	tcagaaatcc	cacctgaaat	cacctttttt	180
cccccttgat	caaacatccc	atccttcagc	taccatactg	ttgctacagg	gattttgtgg	240
actgtggccc	ctgtcccgag	gttggcncct	tcagttcagc	acagcctgag	cagtgagaag	300
gtctgaaagg	agagtatata	gntaagatcc	ttgagaaagg	gctgcctgag	gaactgacct	360
cttaaagatc	tcaggatctt	taagacaaca	agttagggtc	ctactggagt	tacctgccag	420
aatggcctct	taattaactc	angtaatgaa	gagctaactg	tgttataatc	atcttgcttt	480
tgctgaatt	tggagaaagt	attataatta	aagttcccag	tatcagaaat	gtccttacat	540
aagattaaaa	tatcttggtg	actaatacca	ttctatgaga	aagagtagtt	atttgcccag	600
actgtattaa	ttacttttag	aaactaatgt	ttgaagtaat	ggaaaaaatt	ttaaattatn	660
aagctaaggg	caataacatt	tgctacttat	ttatagaatt	atttgaaaaa	atttgntttg	720
aagtaatgct	ttaaggagtn	taagatatcc	aagataaatt	atactatnaa	atgattttatt	780

<210> 2671

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (749)

<223> n = A,T,C or G

<400> 2671

<211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

<400> 2667

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gaaaaggacc	atttgaaaaa	gttcaatgag	ttgatgggta	tggtcagggt	ccggccaaca	120
gttctgatgc	ccttggtgga	cgtgctgggg	tttgactcgg	gggcggggac	cgccttgctc	180
gggaaggaag	gtgccatggc	ctgcaccgtg	gcggtggaag	agagcatagc	acatcactac	240
aacaaccaga	tcaggacgct	gatggaggag	gaccctgaaa	aatacgagga	acttcttcag	300
ctgataaaga	aatttgcgga	tgaagagctt	gagcaccatg	acatangcct	cgaccatgat	360
gcgaatttgg	ctccagccta	tgccgtcctg	aagagcatta	tccaggccgg	atgcagagtg	420
gcgatataatt	tatcagaaaag	attataaagt	gtgtccagtt	ttgcctgtct	ataaaaagatg	480
atagtaattt	accaagtgc	atttgcagag	aaacagggtg	acagttatcg	ttgtactttt	540
gtacaatgtg	aattttgtta	ataaattatn	agggttggtt	tttttttnaa	aanangaana	600
nnnnnnnanga	aaactcgagc	ctctaaaact	atagtgagtc	gtntacgtaa	tcngacatga	660
taaaaacatt	gntgatttgg	caaccacact	ngaatgcatg	aaaaatgctt	atttngaatt	720
gngatntntg	ttattgacca	tatactgata				750

<210> 2668
 <211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(820)
 <223> n = A,T,C or G

<400> 2668

gnnnnnnnnn	ntttaatant	tatcanctct	tggtcttttt	gcaggatccc	atcgattcga	60
attcggcacg	agaagcagct	tggggctcac	tccccctcca	ccttgctgac	caccctcatg	120
ttctttaata	ccaagtactt	cctattgaag	acagtggacc	agcacatgaa	gctggccttc	180
tccaaggtct	tgcgacagac	aaagaagaac	ccctctaata	ccaaggataa	aagcacgagt	240
atccggtact	tgaaggccct	tggaatacac	cagactggcc	agaaagttac	agatgacatg	300
tatgcagaac	agacggaaaa	tccagagaat	ccattgagat	gtcccatcaa	gctctatgat	360
ttctacctct	tcaaatgccc	ccanagtgtg	aaaggccgga	atgacacctt	ttacctgaca	420
cctgagccag	tggtggcccc	caacagccca	atctggtact	cagtccagcc	tatcagcaga	480
gagcagatgg	gacaaatgct	gacgcggatc	ctggtgataa	gagaaattca	ggangccatc	540
gcagtggcca	atgcaagcac	tatgcactga	gatgccttgg	ccatggcaca	aagagaaacc	600
agccaggaaa	aaccagacag	actttcacac	taaagaagaa	gccctccatt	tttttttttt	660
ctttttttta	ttgggggggag	tttacnaaac	ctttcaaggt	tgctttttgt	ttnaaaatat	720
taaaaagaaa	acnttttaaaa	aaaaaaaaaa	aaaaaaaact	ggagcccttt	taaaaactatt	780
agtgggggtcg	tnttacnta	aaatnccana	cttgataaan			820

<210> 2669
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>

tctnttctn nnnnntctn cnncccnnc tatccnatnn tncntctnn ccntcnccc 900
ncnnntnnn ctcnncatc ntcnncatc tnnctcenn annttnccnt nttnccccc 960
g 961

<210> 2665

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(790)

<223> n = A,T,C or G

<400> 2665

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agctaccgcg	cccgccctat	ttacttttct	tactaagctg	gggatcaccg	tcgccctcgg	180
cttgccagga	aggcgggggg	gcaagaagaa	aagagggtaca	gaacacccag	agggtgccctc	240
gattccgctct	tgcacttgcc	cttctccac	cgtccagcaa	taaagcgaga	gaaacaagtg	300
caggaaactg	gccggcagtc	atgggagaag	ccaaaaagac	aggagtccag	tggcatgacc	360
agggtcact	gcaaccttga	tctgggctca	agtgatcctc	ctacctcaac	ttcctgagta	420
gctaggacca	caggtgtgca	ccaaccacac	ccgactaatt	tttgtagaga	tgagatccca	480
ctatgttacc	caggctgggtc	ttgaactcct	gggctcaagt	gatcactctg	ccttggcctt	540
ccaaagtact	gggattatan	gcttgagcca	cccgtgcctg	gcctgtgatc	aaaattctca	600
tttttttagt	cactaaaaat	gctggggggc	actccattct	ncattatgtg	attagttcac	660
attgcatgct	tgtatcaaaa	cattatatnt	tcccccnaa	attntncca	aaaactttta	720
aattttaagt	atttaattgg	ttcaggaaaa	aaataaaatg	ctgggggggc	tgaaatctca	780
angggcccat						790

<210> 2666

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 2666

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gagtgggaac	tctgatcatg	tgtctacatg	atgtctcaga	tttcttgctg	gaggcagcca	180
aactggccaa	ttatgccaa	tatcagcggc	tctgtgacac	cctttttgtg	atcttcagtg	240
ctgtttttat	ggttacacga	ctaggaatct	atccattctg	gattctgaac	acnaccctct	300
ttgagagttg	ggagataatc	gggccttatg	cttcatgggtg	gctcctcaat	ggcctgctgc	360
tgacctaca	gcttctgcat	gtcatctggg	cctaccta	tgacaggatt	gctttgaaag	420
ccttgatcag	gggaaaggta	tcgaaggatg	atcgcatgta	tgtggagagc	agctcaaagg	480
aagaagatgt	gaccacctgc	acaaaaagtc	cctgtgacag	tagctccagc	aatgggtgcc	540
atcggttgaa	tggtcacatg	ggaggcanct	actgggctga	anantaagg	gggtgctata	600
gggacttcag	cacacatgga	cttgtanggc	cctggcaaca	tactcctctt	ggcccttcca	660
tatctactct	tntgtgaatg	ggagactgca	angcactgan	ggagtatcaa	aagaagcaaa	720
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<210> 2667

gaatnaaatt	agatatataa	aaagaggggc	cgggcagggt	ggctcacgcc	tgtaatccca	600
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gaccaacatg	gngaaaaccc	tgtctatact	aaaatntaca	aaaatcagtc	tancgttggn	720
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atcccgggaa	ggcaataggt	ttccc				805

<210> 2663
 <211> 778
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(778)
 <223> n = A,T,C or G

<400> 2663	
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gttttctgtg	gattagtgtt
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tgaaagactg	gttcaggcca
cagcattaac	atcaacacag
tgaagtcttc	tacctggagg
acaacccagg	cattcctttc
ttgttatatc	tacctataat
ggaccaatgt	atatcttaaa
aaccacgctg	ttccccgacc
acaggccatg	ttcacttaca
ccnccncccc	ccccccnacc
	cacaaaaaac
	ctcngccett
	taaaactttt
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	180
	240
	300
	360
	420
	480
	540
	600
	660
	720
	778

<210> 2664
 <211> 961
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(961)
 <223> n = A,T,C or G

<400> 2664	
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cttngnttnc	nnttgagtga
ncttgcatnn	ntnnnngett
nntcnnnnnt	tnntncnnnc
ncnnnnnnnc	ccnnnnnnnc
nnntcnnnnn	nnnetnnnnn
ncnntnnnnn	cnnncnnncn
nnnnntcnnn	ncnnnnnnnn
nnnnnnnnnn	ntcnnnnnnn
nannnnnnnn	nnnnnnnnnc
tnnntcnnnn	nnnnncnnnc
	nnctnnnnntc
	nnntntnttcc
	ncttccctntt
	ncnncnnnnn
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	720
	780
	840

ancnnttgnt	nnaacccanc	cagaagccat	tngtnnanaa	ganntccatn	gaaannnnta	360
aaantggaga	agccaaantt	ncagaggcac	cagcttntga	aaaagaantt	gtggaagtaa	420
aagaggaaan	tattgaanat	gccacagaaa	agggaggaga	aangaaagaa	gcagtggcag	480
cagaagtaaa	aaatgaagaa	gaagatcaga	angaagatga	ngaagatcaa	aacgaagana	540
agggaaactc	tggaananaa	cacagatntg	aaaagggnga	aaaatatgga	anaggggtta	600
aatgnggatg	tgaaaaggga	aaatangcaa	gagananaga	atttggaaaa	aangngtgaa	660
cccnggaaa	gggatttngg	aaaatttttg	aaaaaaaaan	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnnnnaa	aaaaaaaaacg	ccctttttaa	nacnttttgg	gggggntcnt	tttttcccg	780
aannncccc	nacctttgan	taangaatnc	cnttc			815

<210> 2661

<211> 815

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(815)

<223> n = A,T,C or G

<400> 2661

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gccccaaa	aaggctgcag	gtcaagggtga	tatgaggcag	gagccaaaga	gaagatctgc	180
cagggtgtct	gctatgcttg	tgccagttac	accagaagtg	aagcctaaaa	gaacatcaag	240
ttcaaggaaa	atgaagacna	aaagtgatat	gatggaagaa	aacatngatt	cnagtgcctn	300
ancnnttgnt	nnaacccanc	cagaagccat	tngtnnanaa	ganntccatn	gaaannnnta	360
aaantggaga	agccaaantt	ncagaggcac	cagcttntga	aaaagaantt	gtggaagtaa	420
aagaggaaan	tattgaanat	gccacagaaa	agggaggaga	aangaaagaa	gcagtggcag	480
cagaagtaaa	aaatgaagaa	gaagatcaga	angaagatga	ngaagatcaa	aacgaagana	540
agggaaactc	tggaananaa	cacagatntg	aaaagggnga	aaaatatgga	anaggggtta	600
aatgnggatg	tgaaaaggga	aaatangcaa	gagananaga	atttggaaaa	aangngtgaa	660
cccnggaaa	gggatttngg	aaaatttttg	aaaaaaaaan	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnnnnaa	aaaaaaaaacg	ccctttttaa	nacnttttgg	gggggntcnt	tttttcccg	780
aannncccc	nacctttgan	taangaatnc	cnttc			815

<210> 2662

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 2662

gtngggntnn	nnntttttna	aaccntnngc	tattgttctt	tttgcaggat	cccatcgatt	60
cgaattcggc	acgagggtga	ctggaatcgc	ttgaaccggg	gaggcggagg	ttgtagttag	120
ctgagatcgt	gccactgcac	cccagcttgg	gcaacagagc	aaaactctgt	ctttaaaaaa	180
aaaaaacaaa	aaaaccaaac	aaacaaacaa	aaaaaacctt	atatgggctg	ggctgggcgt	240
ggtgccttat	gccacacaatc	ccagcatttt	gggaggccag	gatgggagga	tcacttgagc	300
ccagaagttt	gagaccagcc	tgggctacag	agtaaggccc	catntctaca	aaaaaacctt	360
aaaaattagc	caggtgtggt	ggcacgcact	gtggtcccag	ctgtaccaga	ggctgaanca	420
ggaggatccc	ttgagcccan	naggtcaagg	ctgcagttag	ccatatctac	accactgcac	480
tccagcctgg	gcaacagcct	gtctcaaaaa	ctaaactaaa	aaccttatat	gttnttgtaa	540

<400> 2658

tntacatata	ggctacttgt	tctttttgca	ggatcccatc	gattcgtggc	tggtattata	60
ggtgcacacc	accacaccca	actagttttt	tgtgttttta	gtagagatgg	ggtttcatga	120
tggtggccaa	gctgggtctg	agctcctgac	cccagggtgat	ccacccacct	cggcctccca	180
gggtgctgga	attataggcg	tgagccactg	cgcacggcct	ggggagggtt	tatttcttga	240
caaaggtatt	tgatactcgt	gcagaccctg	gagggtctca	ctggagagac	aacatttagg	300
ctgagatctg	attaacagga	ggcagctgca	gtgcagaggt	caaaagggag	ggtgttccag	360
gcagagaaaa	cagcctgtgc	aaaggccctg	aggcagaaac	aaactctact	tgaggtcagc	420
ctgggttagaa	aacccaactc	aaaatagaaa	gtattacatg	ataaggtctg	agatcagaac	480
ccaagtctgc	acttcctagt	cacgttctcc	ctgtagtgct	aagcccagag	acctgagctg	540
ttaacctaga	acagtgtgct	tcctaagcct	taatgtgcat	acccatcgcc	tggagctcgc	600
cttaagatgt	aggctctgcc	tgaagcccaa	gttcatttag	tatgtcatgg	ttaattcaga	660
gtaaaatcaa	gagttagtac	ttgatttatg	cttggtatat	aaagaaagag	acaacttcac	720
tgnatgatca	ttttgtcact	tttcaaaagc	atttaattcc	attcaattgg	aaatgtg	777

<210> 2659

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (774)

<223> n = A,T,C or G

<400> 2659

naaacnncnca	gctacttggt	ctttttgcag	gatcccatcg	attcgccgaa	gaaatataac	60
acatttttga	cctacaactc	ttagatcaac	tcttgccctat	gggatgctca	ggctctgtga	120
tcctctacct	tatgatataa	tagtcgatcc	aatgtgtgga	actggggcaa	taccaataga	180
ggggggccact	gaatgggtctg	actgcttcca	tattgctggg	gataataatc	cactgggtgt	240
gaatagagca	gcaaataaca	ttgcatcttt	attgaccaag	agccaaatta	aagaaggcaa	300
accctcctgg	ggcttgccca	tagatgctgt	tcagtgggat	atctgcaatc	tgccattgag	360
aactggctct	gtggatatta	ttgtaacaga	tttgccattt	ggaaaaagga	tgggatccaa	420
gaaaagaaac	tggaaccttt	atccagcttg	cctacgggag	atgagccgtg	tctgcacacc	480
taccacaggc	cgagctgtac	tacttactca	agacacaaaa	tgctttacca	aggcggtatc	540
tggaatgcga	cacgtatggc	gaaagggtgga	tacagtctgg	gtgaacgttg	gtggctctcg	600
tgctgcagtt	tacgttctga	tacgtacacc	tcaagctttt	gttcatacctt	cagaacaaga	660
cggagaaaga	ggaactcttt	ggcaatgcaa	agaatgaaga	tgactaatag	tacttgnact	720
tnccaccact	ggaaatgtta	gcataaaaaga	acttggagag	gaaaaaagtn	ttac	774

<210> 2660

<211> 815

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (815)

<223> n = A,T,C or G

<400> 2660

taaacctnca	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgaggc	60
agtgactgcc	ttcggctttt	tttctgctga	ctaagatctc	ctatagagag	ctacaacaat	120
gcccaaaaga	aaggctgcag	gtcaagggtga	tatgaggcag	gagccaaaga	gaagatctgc	180
caggttgtct	gctatgcttg	tgccagttac	accagaagtg	aagcctaaaa	gaacatcaag	240
ttcaaggaaa	atgaagacna	aaagtgatat	gatggaagaa	aacatngatt	cnagtgcccn	300

<221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 2656

ttgcnancgn	tgccctactc	gttctntntg	caggcatccc	atcgattcga	attcggcacg	60
aggtttagctc	gaggggcaaa	taaagagcac	aggaatgttt	ctgattacac	acctctaagt	120
ctggctgctt	ctgggtggcta	tgtgaacatc	atcaaaatat	tactaaatgc	aggagctgag	180
attaactcta	gaactggtag	caaattgggc	atctctcctc	tgatgttagc	agctatgaat	240
gggcatacag	ctgctgttaa	gctcctgtta	gacatgggct	ctgacataaa	tgctcagata	300
gaaaccaatc	ggaacactgc	ccttacttta	gcctgcttcc	aaggaagaac	tgaagtgggt	360
agtcttctgc	ttgatagaaa	agcaaatgtt	gaacacagag	ctaagactgg	tctcacacca	420
ctaattggaag	ctgcctctgg	tggatatgcg	gaggtgggccc	gagttctttt	ggataaagggt	480
gctgatgtta	atgccccctc	agttccctcc	tcaagagata	cagctttaac	catagcagca	540
gataaagggc	attacaaatt	ctgtgagctt	cttattggca	ggggagctca	tattgatgta	600
cgtaacaaga	aggggaacac	tccattgtgg	ctagcagcaa	atggtggaca	cctcgatgtg	660
gttcagttac	tgggtgcaaag	caggtgcaga	tgtggatgca	gcagataacc	gcaagataac	720
tcctcttatg	gcagcattta	gaaaggggtca	tgttgaangt	gggtgcgcct	actttagtca	780
aagaan						786

<210> 2657
 <211> 807
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(807)
 <223> n = A,T,C or G

<400> 2657

ttnaaantat	cgaaactctt	tggacttttc	gnacgctttg	caggatccca	togattcggn	60
ccacttncgg	cgtngccatg	gnggcgnaac	actactantt	cccgtcgcag	ctnctgccgt	120
nagagcntgt	ggacaantgt	ataggatcaa	gaattcacat	ccngatgaac	agtgatnang	180
aaatngntgg	tactctccta	cgatntgatg	actttgnnnn	tatggtntctg	gaagangtnn	240
ctgagnttga	aatcacaccn	catgaanaan	gatgctaaat	tanancacat	ntngctnaat	300
ggaaaataata	taacaatgct	ggttcctgga	gganannnac	ctganntgtg	aatgagttnc	360
cttgacttac	actagatttt	gttttggctt	atnatgacaa	naaaatggga	ttttttttcc	420
cactttctaa	tgnttaaate	ccatanagct	aagttncctg	nttaagggaa	gtgctntgaa	480
gatgtgtacc	catcnttgn	agttaancat	gattatcctg	gaaaaagaan	aaaatanctt	540
cttctttgca	gatgaaaata	aaggtgtttt	tggttaactg	tcnaanaann	nnnantgccc	600
tnaaaaagag	ttgnnggggg	gcntgactct	tataaaatgg	atttaatnaa	actgtncnan	660
angcctcccc	cccttaaaan	ntttggggcg	tgtnnttccc	ttangncccc	caaaaannntn	720
nnannccctt	tntgggattt	tnggcccaaa	ccccccctt	tgaagggnnn	gggaaaaaaa	780
cttntttttt	tttgggaaaa	tttgtgn				807

<210> 2658
 <211> 777
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(777)
 <223> n = A,T,C or G

<210> 2654
 <211> 780
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (780)
 <223> n = A,T,C or G

<400> 2654

ttttncacac	gctggctact	cgttctnttt	gcaggatccc	atcgattcga	attcggcacg	60
aggacagtac	ctttccccc	cctttcatgg	cccattttat	tgtctgcctt	tcagtactaa	120
gtatgaccgt	tcctatctca	gatcttaata	aaaagaaaaa	aaaaacgcat	tcagggttaa	180
tttggcctta	atttaataata	cttgtagca	agcgtgtgtg	acagagagtg	gggaaagcta	240
catcattgaa	tatttttgata	aactttaccg	acttgagttt	ggtttatttt	tcccttttcc	300
taaattaact	agcactgact	gtaattttatt	tccctgtttc	acgtctctcc	cttccattct	360
gcaggagttt	tagctatttg	agatcgtgga	ccatcagttt	tgcacttttag	agagtgtttc	420
tgactctaaa	cctgttttat	cagaaaattt	gtttttttctt	gatcttagct	ggaaaaatct	480
gccaacttta	cacagtattt	acttggtttt	gacccacaga	atatagcacg	ttgtgcaaac	540
tgctgattca	gcgaaactta	naaaagacaa	gaaactactg	aggagcttag	taactgctgt	600
ttctgtacgt	agtgtttaat	cttccaagca	catctagtgt	ctgtcagttt	ctaattggca	660
tgtgtaggct	gctctgtgac	tgaagaattt	tcaaaccagc	tttacaccct	tcaggaaaaa	720
atcccttggtg	attggatggt	tactatcngc	cnngaaactg	gtactcaaga	tggtngaacg	780

<210> 2655
 <211> 742
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (742)
 <223> n = A,T,C or G

<400> 2655

ntttgaaacc	ctttgttact	tgtntctttt	gcaggatccc	tcgattcggt	tcagcccttt	60
gccgccaggg	ccaaagggtg	aaagtgattt	ggaagagnaa	gagcttttcg	tccaccagaa	120
aaattgggtc	naaattaanc	ttgnaaggga	ngnaatttgg	gaanttgcgg	caaggcnaaa	180
agcnttactt	ttanngnttt	aatcaantan	gnntggccct	tcngaaagt	aaattttaat	240
ggcttaaagg	ggttancagn	cccaanaaag	ggtnnngggg	agcaantccc	agccncancc	300
agggccagtt	aaggcctttg	gtgaactgtg	ctattagggc	ccagcttccg	gtaccctgta	360
ggttcccaag	gcctggctta	agcagatcct	tgatcgatat	accttgagan	cagaagggtgc	420
tccnaatnac	accgtccaat	aggggatcta	ggacaatctt	ggagatccat	gccttgctgt	480
gttgctgatt	cttactgggg	actgtagatg	aaagggtgga	agatnactta	gcacatcttn	540
aaactatggg	aagncattct	ttctgcttgt	angatttgct	ntgttttgga	aancttttaa	600
cgtggntnaa	ccctatggtt	ggaattatct	gctttatggg	agcaataccc	tnttttaaga	660
atttgaattn	ancccgaaag	ttatggccgg	taacttaaat	tggttaaacc	tgggcttata	720
accccaaggc	ccgggttcaa	cn				742

<210> 2656
 <211> 786
 <212> DNA
 <213> Homo sapiens

<220>

taaaccactg	tcctaagaag	acaaccttaa	tttgaatcaa	gttatttttag	agtgatgtgt	420
tttctgaggc	agctctcaga	angttattgt	ctgggtgttaa	aatagtgaaa	ttgagtaata	480
acaaggttaa	aatcgggtga	cattaaatac	acacaagact	tcaattgctg	ggctcctccat	540
tgattaatga	aaaaatgatt	gttttttgaa	tttgagtga	acacttctta	atggctgagt	600
anggtggctt	acgcctgtaa	tcccaccact	ttgggatcac	tttgaggccg	ggacttttga	660
gaccagcttg	gncaacatga	ggaaagcacg	tctttctaaa	aatcn		705

<210> 2652

<211> 709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(709)

<223> n = A,T,C or G

<400> 2652

ttnaatcatg	ctcttgtttc	naancngtn	catcgattcg	aattcgcacg	agggtggtctt	60
cagtctgtcg	tgcaccgatg	agaactctcc	ttattgctgt	gaagggcaga	caatgcatgg	120
ctgatctact	ctgttaccaa	tggttttact	agtgcacgt	cccccggtct	aggatcgaaa	180
tgtaaacacc	gggagctctc	caggccaccc	accgcgagag	acgtcgcgct	gtggcctgaa	240
gtggcgcaag	cttgctttgt	aaatatctgt	ggccccgatg	tagtgcccag	aacgtttgtg	300
cgaggcagct	ctgcgcccgg	gttccagccc	gagcctcgcc	gggtcgcgct	ttcggagtgc	360
ttgtgacagt	ccttgcccag	tatctagtcc	ccgtcgcccc	gtgcaggaga	cgtaggtagg	420
acgtcgtgtc	agctgtgcac	tgacggccag	tctccgagct	gtgcgtttgt	atcgccactg	480
tatttgtgta	ctttaacaat	cgtgtaaata	ataaattcat	aatgacttct	acctttaaaa	540
aaaaaaaaann	nnntnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	naaaaaaaaaa	600
cctngnnaac	nggatgccac	cctgggccna	cgaattttcc	tgccaatgtt	gctcactngg	660
gggacnncct	ggaaggactn	ttttggggnc	ccncanaatt	aaaccttgn		709

<210> 2653

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 2653

tgntntnttn	aattatgctc	tcgccttcna	atngntngnn	tcnattcgaa	ttcggcacga	60
ggagaagctg	accttgacc	tgacgggtgt	cctgggtgtg	ctgcaggggc	aacagcagag	120
cctacagcag	ggggcacact	ccaccggctc	cagccgcctg	cacgacctct	actggcaggc	180
catgaaaacc	ctgggagtcc	agcggcccaa	gttgagaga	aaggatgcca	aggagatccc	240
cagtgccacc	cagagcccca	tcagtaagaa	gcggaagaaa	aagggtattct	tgccagagac	300
gaagaagcgc	aagaaacgca	agtcagagga	tggcacgcca	gcggaggatg	gcacacctgc	360
agccaccggc	gggagccagc	ccccagcat	gggcaggaag	aagaggaaca	ggacaaaggc	420
taagggtccca	gccagggcaa	acgggacgcc	aaccaccaag	agtccagccc	ctggcgcccc	480
cacccggagc	cccagcacc	ctgccaaatc	cccaaaactt	gcagaagaaa	aaccagaagc	540
cgtncagggt	gaatggtgct	ccgggtccc	ccacggaacc	ttgcaggcca	aaagcagcat	600
cagaaggctc	ttcccaaaaa	gggggtcttt	gggcaaatca	ccacttgtcc	cgcgcttggc	660
accggaaaaa	nggcaagggc	ttgtcttttg	gtcattcang	gagttccagc	cctgcnttca	720
aaaatggggg	cccaanaaat					740

gaaggagaaa	gggccaaccc	ctgaagaagc	aatacagaaa	ctgaaggaga	cagagaagat	180
actgatcaag	aaacaggaat	ttttggagca	gaagattcaa	caggagctac	aaacagccaa	240
gaagtatggg	accaagaata	agagagctgc	cctacaggct	ttgcggagga	agaaaagatt	300
cgaacagcag	ctggcacaaa	ctgacgggac	attatccacc	ctggagtttc	agcgtgaggc	360
cattgagaat	gccactacca	atgcagaagt	ccttcgtacc	atggagcttg	ctgccc aaag	420
catgaagaag	gcctaccagg	acatggacat	tgacaaggta	gatgaactga	tgactgacat	480
cacggaacaa	caggaggtgg	cccagcagat	ctcagatgcc	atttctcggc	ctatgggctt	540
tagagatgat	gtggatgagg	atgaactgct	ggaggagcta	gaggagctgg	agcaggagga	600
attggccag	gagttgttaa	atgtgggcca	caaggaagaa	gaaccctcag	tcaaattgcc	660
tagtgtacct	tctactcatc	tgccggcagg	gccagcttcc	aaagtggatg	aagatgaaga	720
acactaaagc	agttggctga	atgggtatcc	tgataaatct	gggcttgtct	tncta	775

<210> 2650

<211> 879

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(879)

<223> n = A,T,C or G

<400> 2650

gnngnnnnnn	ttnnnnnagn	nnnnnnngnn	nggtttngat	cagctcttgt	cttttgcagg	60
atcccatcga	ttcgaattcg	gcacgaggtt	gtattggaaa	gcagtagtgt	ggacgaattg	120
cgagagaact	tagtggaaat	cagtgggatt	cctttggatg	atattgaatt	tgctaagggg	180
agaggancat	ttccctgtgg	atattctggg	ccttngntnt	tcattccanga	atttaanaac	240
tgggaattcc	taaaagtttt	cttaccctt	gaaatggctn	tgggcccctc	tttttaataa	300
tcctggtgga	atggaatggg	ttgcccgggt	ccantaattt	tttaattang	ggggatttaa	360
aaaaccaaga	aangnaaatt	ttaaatnggg	aaaattttgga	accaggaatg	gaagcccaaa	420
angaaaaatt	ggaaacctgg	gattgnaaaa	aaaanggaaa	aagnccagtt	ccgaactttc	480
ccagaaaaga	acntggggac	canttcgggg	gttaaccant	accttcaacc	ntcggttaaa	540
aggaggaaaa	ggccacctta	aaaaaantat	tantcttggg	attggaagcc	accccaaant	600
taaagggaatc	tggacntcaa	ggactggacc	tctggatagg	tggtagccat	tttnccctgg	660
ggggaagtgt	ttggttttaa	ttagatggnt	cacttccact	gggtagtgcc	attttggncc	720
ggacatgggt	ggggtaccca	tgaccacac	tgatggactg	cctaccatc	agaactcatg	780
cccaatggcc	ctggtttgac	tcggatcatg	ttggcctata	gtcaaagtgc	tgtaagtga	840
anggatgtgc	aaaaataaaa	aaaccccaaa	aagctccna			879

<210> 2651

<211> 705

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(705)

<223> n = A,T,C or G

<400> 2651

cagctcttgc	ntttatgccg	atccctcgat	tcgaattcgg	cacgaggaga	cgctcgtctt	60
acaaaaaata	aaattagcca	ggcatgatgg	cctgtacctg	tagtcccagc	tactcaggag	120
gttgataggg	gaggatcacc	tgagcctgcg	aggctgaggt	tgacagcaagc	caagatcatg	180
ccactgtact	tcagcctggg	cgatagagac	cctgactcaa	aacaaagaag	acccagtaca	240
agttcagtg	tgagtgtctaa	agacttaaaa	gagttataaa	gctgaaccct	taatcttaag	300
aggtttataa	gtgagaacaa	gaatctccaa	atcctgtact	gtttaatatc	agcatgagac	360

<400> 2647

agctcttggt	cttttgcagg	atcctatcga	ttcgcattng	gcacgagaaa	tattntgata	60
ctgtaccggt	tgctgtgcc	atgtgtgtgc	ttaaaacagg	gttccttttt	gtagcatcaa	120
gaatttgga	aaaccattct	ttatatcaaa	attggncat	ctttgggang	aatgaatgaa	180
tgaagaacc	ctggagtttt	caatcaaccc	atgccctctt	ggaaagaagg	gagaacncat	240
ttcttttttt	caacccaaag	aaccacttta	aaaaccttgg	tgctgggttg	atgaagttgg	300
gacaagcctc	ttctccatt	ctggtttgcc	agatagctga	tctggccaat	gaagatctcc	360
acagttgtat	gtggcctgtg	gtaggggacc	ccgatcatct	ctgagaagtc	ctaagacatg	420
gacttgangt	gtcagaaatg	gctggttctg	agctacctgg	tacccaacg	cttgtctgga	480
cagtgcgtcg	acacattgaa	gatgagtttg	atgcctacat	cattgggtct	ttcgtgaatg	540
ccacccta	gttgtccatt	ggagaaactg	tagaagaagt	gactgactct	nggttcctgg	600
ggaccacccc	gacttggcct	gctncntatt	aggagatgat	gccttggtgc	aggctatnca	660
natgnattng	gnacatacna	gccgacaaga	aagtcaatga	atggnaaaac	cctggaagaa	720
aacaattgtg	aantgtgcaa	tggaaccanc	gaccagtggg	gaatggcctt	acaggangaa	780
aactggtntn	ttt					793

<210> 2648

<211> 843

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (843)

<223> n = A,T,C or G

<400> 2648

tatnnnatnc	agctcttggt	ctttttgcgg	atccctcgat	tccaattcgg	cacgaggaaa	60
gaccgagata	gagagagaga	cagagacaga	gagcgagacc	cgtgggttcg	ggncagagaa	120
aggaggaacc	cccccnang	anganganga	nganggganc	cgtgattcac	cagtcccttc	180
caccaaagtg	tttttcaacc	agccgattga	aagaaccgat	tccaggattc	caggggaatt	240
ttgccnnгаа	aaggaaggtt	nttgaaccgt	naccaagaag	caaagttcga	ggaaaaaaag	300
gaaagaaccg	accatttgag	gaaaaggacc	gaccaccagg	ggagaaagaa	ggaaacccag	360
acnttaagtc	ttcttcgaaa	gttattagta	gacgtcgcca	tgaaagttga	agaaaggaga	420
ttgtcacagg	agaccaaacc	cnaaaaatct	aaaagaagcn	aagaagggaa	agaagcnggc	480
agtgagcctt	gcccttgaca	ggagagcccc	gaaactncac	cttcagaaat	agcatgggtt	540
tngccttttg	tgtatattag	taccagaagt	agatactatn	aatcttggtg	tttttctgga	600
taatgtttaa	gaaatttacc	ttaaatcttg	gtctgggttg	gtagtatgaa	aagttaactt	660
ttttttccaa	attaaagagt	gaatttttca	ttgttaagtt	naaaatcttt	gncttgtnct	720
atttcaaaaa	ttaaaagacc	gcaatgactt	tntnttccaa	aaaaaaaaaa	aaaaaactng	780
ggcctttaaa	cttttgtgag	tcgtnttacg	tanatccnga	cttggttagga	tccttggttg	840
agt						843

<210> 2649

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (775)

<223> n = A,T,C or G

<400> 2649

tanacancag	ctcttggtct	ttttgcagga	tcccatcgat	tccaattcgg	cacgaggggg	60
cggaggcggg	agaggcgagc	tcgcgatgag	tggtctcggc	aggctcttcg	ggaaggggaa	120

<220>
 <221> misc_feature
 <222> (1)... (804)
 <223> n = A,T,C or G

<400> 2645

gnnnntttnaa	aannnnnag	ttactttgtt	anttttttgc	ggatcttata	gatccgaatt	60
cggcagcagc	atggtaatcc	tgctcagtag	gagaaggaac	cgcaggttca	gacatttggg	120
gtatgtgctt	ggcttgagga	agccaatggg	gcgaaacctn	catctgggtg	ggaaggaaag	180
gaaggcaggg	ctgggtgggtg	gggactgggg	taggggtatt	agtatcactc	ctggaagttt	240
ccactggctt	cttagaaatc	taaccagaa	antagaaacc	taatttttta	aagggtgact	300
gggcaaaaaa	aaaaaaaanna	annnatnnnn	annnnannan	nnnnnannna	nnnanacnnn	360
cnannatgna	ccntnnnnan	ntnncnnng	annnnnnnnc	annnnannca	tnngaanttn	420
nnnnnnnnnt	gaaaaactnn	ngnccnaaa	aaaatngnnn	nnntnnnaat	nnnnnnnnnc	480
tnnnntnnnn	nnnttgnnnn	nnnancncn	nnnnnnnnan	gnnnnaaaaa	aanttttttt	540
tnnaaannnn	naannnttnn	nnntaantnn	acannntttn	nnngnnnnna	naannnnnnnc	600
ncanannatt	gnnnnttttt	tnnnnnnnnn	nnnnnggggg	nnngngggga	ntnttttnna	660
nnnnngnnccc	cnngncntnn	nnntngggcc	cnnnnccnnt	ttttttnncc	cnnttgggng	720
gnnnntttnn	ccccnnnnnn	naaannngnn	nnannnnntt	nnnnnaaaaa	aanntnnnnn	780
nnnnaantnn	nnnnnnngng	ggnc				804

<210> 2646
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (779)
 <223> n = A,T,C or G

<400> 2646

gnntttttnaa	nnnnnnncag	ntactngtng	tttttgcagg	atcctatoga	ttcgaattcg	60
gcacgagcga	gttttttttt	tttttttttc	ttcctctctt	tctctcttcc	ttcctccttc	120
cnttctctcg	ttentcccc	ccentttttt	tggnannagg	gttttttttt	ngtgncnagg	180
netggagtca	agggnnccaa	tnccngttaa	tngaacctng	acntcnnggg	ccnangnaat	240
ccttttaact	taancntcnn	gnaaaacngg	nccncngggc	catncaacaa	aaccaagtta	300
ngattttttt	tttttaaaa	ttttgagcaa	caggggggatc	tcctgggggtg	gcccaaatgg	360
gcttaaaaact	cctggcttna	aatggatcct	ccggcntaag	cctnccaaag	gctaggattn	420
taagcntaag	ccaccacacc	cagcccattc	tttataatta	ctttatgggt	caaagcagct	480
tanggttact	ggnaaattgn	gaagaaattn	ccgagttcca	catctnccaa	ctttgcattt	540
ttacatgact	ggntttctct	attctataac	ctaataagca	tgcttttctc	accttntctac	600
tgaacttttt	actaatatat	tatctaattg	aaatgagcat	acccagtnca	tttactagaa	660
ttagatgtgg	gactcagaaa	taaactctgca	ggttggtttg	gaccaactnt	gggaaaagct	720
acctcaaatt	tgtggagggc	caaagnttgc	atttgcnctn	tactggaaca	nggggagga	779

<210> 2647
 <211> 793
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (793)
 <223> n = A,T,C or G

<211> 788
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (788)
 <223> n = A,T,C or G

<400> 2643

gnnttttgata	ccctttttga	ntgccttttg	caggacnctc	gttcgaattc	ggcacgaggg	60
aacgcagctg	ctcaccagca	acggaacaaa	gctggacnga	gaatgacttt	gaagagctga	120
gagaagggct	tcagaccgat	caaattactc	tgagcttacg	gggagggcca	ttcaaaccaa	180
agggcaaaga	aagtttgaaa	actttgaaaa	aaataaatgg	tcattaatta	aacgtggaaa	240
tctgggtgaac	aagtaacaaa	ctttgggtgaa	atttcaggac	catagccatt	gaagtggatg	300
agggaaacct	tatcatgcac	tcaacaatgg	tctttttacc	ctgggagctt	cacacaaaga	360
agaatcgccc	tgaacctggg	ctatggaaaa	taccttagta	taaattcaga	tgaacttggt	420
gttggcgctt	agatgcaatt	ggccaagaga	acaatgggaa	ccagtctttc	aaaatgatgg	480
ccatncagta	atgagaatga	acagtcttca	actaaaaggca	acaatntaga	tgaatctcgg	540
aaacatgata	ttgaccaaga	cagaaaagat	tcactttacat	aaacttcaaa	agaagataaa	600
actgatctat	gacattaata	gtcagaatat	tcattatcct	tgagggaact	aaactgggaa	660
gccncatgat	agggcatttt	ggaagctagt	aatgncctct	ttcttgatct	ggtacattgg	720
tgnnggttatt	tcattagatt	tattgagctn	tacatttacc	accngtctct	tggctctgga	780
tatgttttn						788

<210> 2644
 <211> 800
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (800)
 <223> n = A,T,C or G

<400> 2644

nnnttttnmn	anatncagct	cttggttcttt	ttgcgggatcc	tatcgattcg	aattcggcac	60
gagttcacca	atgacatgat	cttatagcga	ttctataaaa	acagaattat	taaccaaatt	120
cagcaaaagt	ggtcaaattc	caaaattaac	ccccagaaat	caggtgcttt	ctattatagt	180
actngccagg	tggaaacct	tcatggaang	gaaattagcc	aggttcattt	aaatngcatt	240
caaaaaggaa	ttnaaattcc	ttaggggaatt	aaccnaggga	nggtgaaaga	cttgggtcccc	300
agaaaactnc	caaaatattg	gttgggaaga	attaaagaag	acataattaa	atggaaagac	360
atcctgggtg	tcaattatat	ccattttaaag	acacaattaa	atgggaagac	atctgtgttg	420
gaaagtttaa	tattgggtcac	atgtcagctc	acccaaagtg	gcatcagagg	caatgcaatc	480
ctattaacat	ccacagtgtt	tttttaggaa	atnttaaaac	ctatcacang	ccaggttcng	540
ttgggtcatgc	ctgtaatccc	aatattttgc	caagcctagg	agttcaagac	cagcctgggc	600
aacatacgag	accctagctt	tacaacacac	caccaaaagc	ccggtgtggt	agcacatgtc	660
tgtagtcaca	ggtccttttag	angttgaggc	aggaggatca	cttgagcccc	agaattttga	720
ggcacagtgg	gctnttntca	ggnttcttaa	ctccagctctn	ggtgacangg	ggaaaacctg	780
nggctaggtt	taaaaaaaaa					800

<210> 2645
 <211> 804
 <212> DNA
 <213> Homo sapiens

ttaagtcagc	aagcaaacca	ggagatcagc	ccactggaca	gcatgattca	aagactacaa	600
caggacaaga	cctgagacgt	tcttggtgaa	gcagggttaa	taatccaccg	ttaagtagan	660
gctccataag	tctacctcaa	aggtcattcc	caccaacgta	ggcttanacg	tatggacaaa	720
ttgaagtgtc	cgnaaatgcn	cagaacgccc	aagaaat			757

<210> 2641
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 2641						
nnnnnnnnnn	nnnnntntga	aacccttttn	aagccttttg	naggaccctc	gatcgaattc	60
ggcacgagga	acagacaagt	tctgtcccag	cctctgttac	ctctaacccc	atggcattct	120
atcctttttc	acactgggct	tncattttct	acccaacaat	ggactggtct	ttcaaggtgc	180
tggcatttaa	attcccaaan	acttggncct	cttctgantt	ggggacctcc	ttcaaagntg	240
aattgcagtg	agtgacaata	aactgggcta	aatacttatc	ttgccagaag	actcaaaggg	300
nttaaggctt	ttactaactg	aactctatgc	tagaaggtaa	ggataaaaagg	gtaacaggac	360
acaagtcttg	cttaacttgc	tatgggctgt	caagccttat	caaactaacc	ctatctctct	420
tcacctctta	tctttatcac	ccgtagattc	cttgggtggc	actgggttct	ttcaagcctt	480
aattagccct	ttgncactac	ctgnctacac	atgctggttt	tccgtctcat	tccatcttga	540
cattggctat	tttgaganct	caacttaatt	gcagaagaac	tggcttccca	tctggcaacc	600
catttatatg	ggcaaaaagac	catgttgnac	catagagcta	gaccangtgc	catgggtggg	660
cttgnaaagn	attcaccaac	ttncaaaagg	tacctaaatc	cctttactca	agaagcctaa	720
ntntactgga	cagtgggaaa	aataaccnt	ttggnataan	gnncccaaaa	aaaagnaag	779

<210> 2642
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 2642						
naatngcnag	ctctngttct	tttnccgatt	annaagcctt	agcaggcngg	gaagatgaaa	60
ggtagccgga	tcgagctggg	agatgtgaca	ccacacaata	ttaaacagtt	tnaaagattg	120
aatcaggtca	tctttccagt	cagctacaat	gacaagtcta	caaggatgtg	ctggagggtg	180
gcgagctagc	aaaacttgcc	tatttcaatg	atattgctgt	aggtgcagta	tgctgtaggg	240
tggatcattc	acagaatcag	aagagacttt	acatcatgac	actaggatgt	ctggcacctt	300
acccgaaggc	taggaatagg	aactaaaatg	ttaaatcatg	tcttaaacad	ctgtgaaaaa	360
gatggtcttt	tgacaacatt	tatctgcatg	tccagatcag	caatgagtcg	gcaattgact	420
tctacaggaa	gtttggcttt	gagattattg	agacaaaagaa	gaactactat	aagaggatag	480
acccgcagat	gctcatgtgc	tgcagaaaaa	cctcaaagtt	ccttctggca	gaatgcagat	540
gtgcaaaaaga	cagacactga	caaattacaa	atgaactttc	ttgcacttgc	ttgtcgccca	600
ataaaaagaga	ngcccattga	ttcttcccca	ccccaaaaaa	aaaaaaaaann	nnnnnnnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	annnnnnccc	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnngnn	nnan		764

<210> 2643

tgggttgcct	aatctggcct	ttccttcctg	aaaaactact	gnntatgtcc	acagaccaag	240
aaggaactgt	cacgctggta	ccacaagtct	gacttgggct	atcaacagcc	agaaaaacta	300
gaggaatctt	atagattcca	gaactcagga	tacctcaagg	ataggtcaca	agcaagagta	360
caaaggaatc	ttcagtactg	aacaaaacag	aacccttcat	gatttgacaa	aggtcacttt	420
ctggttgcct	ggaccaagct	actccagatc	atctgaccaa	ctcttaaaaa	tcacgggcag	480
gcacantggc	tcatgcctgt	aatccagcac	tttgggaagc	anaagtggca	ggatcattnc	540
agcccangag	ttcaagacca	gctgggcaac	acagtgagtg	agaccctgtc	tctattttaag	600
aaaaaattat	taagaaattt	tattaaaaaa	gaagaatcag	gaaaccaagt	ncaacccaac	660
ttaacctaaa	tgaaccaacc	cctacacaga	tgangggatt	tgggactgat	aactctgggc	720
tgggtccatg	gcccgtcatt	atcaagggtg	aactttgtaa	aggggctttt	tttatgt	777

<210> 2639

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 2639

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ggcacgagga	acagacaagt	tctgtcccag	cctctgttac	ctctaaccct	atggcattct	120
atccttttct	acactgggct	tncttttctt	acccaacaat	ggactgggtc	ttcaagggtc	180
tggcatttaa	attcccaaan	acttggncct	cttctgantt	ggggacctcc	ttcaaagntg	240
aattgcagtg	agtgacaata	aactgggcta	aatacttatc	ttgccagaag	actcaaaggg	300
nttaaggctt	ttactaactg	aactctatgc	tagaaggtaa	ggataaaaagg	gtaacaggac	360
acaagtcttg	cttaacttgc	tatgggctgt	caagccttat	caaactaacc	ctatctctct	420
tcacctctta	tctttatcac	ccgtagattc	cttgggtggc	actgggttct	ttcaagcctt	480
aattagccct	ttgncaactac	ctgnctacac	atgctgggtt	tccgtctcat	tccatcttga	540
cattggctat	tttgaganct	caacttaatt	gcagaagaac	tggtctccca	tctggcaacc	600
cattatattg	ggcaaaaagac	catgttgnac	catagagcta	gaccangtgc	catgggtggg	660
cttgnaaagn	attcaccaac	ttncaaaggt	tacctaaatc	cctttactca	agaagcctaa	720
ntntactgga	cagtgggaaa	aataaccctt	ttggnataan	gnncccaaaa	aaaagnaag	779

<210> 2640

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 2640

taaanatcag	ctcttggtct	ttgcggactt	atcgatccna	attcggcacg	agggtatattg	60
ttcttgaacc	acaccggtc	gatccctagag	ttctcttttc	tgctgggtcat	gatggaaaacg	120
tgatagtgtg	ggatctggca	agaggagtca	aaatacgatc	ttatttcaat	atgattgaag	180
gccaaggaca	tggcgagta	tttgactgca	aatgctctcc	tgatgggtcag	catttttgcac	240
gcacagactc	tcatggacat	cttttaattt	ttggcttttg	gtccagtagc	aaatatgaca	300
agatagcaga	tcagatgttc	tttcatagtg	attatcggcc	acttattcgt	gatgcccaaca	360
attttgtatt	agatgaacag	actcagcaag	cacctcatct	tatgccttcc	ccttttttgg	420
ttgatgttga	tggtaacctt	catccatcaa	gatatcaaag	attagttcct	ggcgtgaaa	480
attgcaggga	ggagcaactc	atcctcaa	gggagtactt	cctcaggact	gaatcaagtt	540

<223> n = A,T,C or G

<400> 2636

gttctngttc	tttttgcagg	atccctcgat	tcgaattcgg	cacgaggcca	agcctcggcc	60
tccactgcac	ctgctgcgga	gtgggcacct	ttgcctgcaa	ggccttttnc	ccantgncca	120
atggtanttt	aaccagggtt	tttgncnntt	aaggaggcct	tngtggtggg	tngttaatct	180
ggccttccn	tattgaaaag	ctcctgttat	tgtccacaga	ccagaaggac	ttgtaacctt	240
ggtcccacag	tctgacttng	gcttttcaag	cacccagaaa	acttagaggg	aatcttatag	300
attccagaac	ttaaggatac	ctcaagggat	agggtcacag	ccaagaagtn	caaaggaatc	360
ttcagtcctg	aacaaaaaca	gaaccctttc	atgattgaca	aangtcactt	tctgtttgcc	420
tggaccaagc	tactncagat	catctgacca	actcttaaaa	atcacggcca	ggcacagtgg	480
ctcatgcctg	taatcccagc	actttgggaa	gcaaaagtgg	caggatcatt	ncagcccaag	540
agttcaagac	cagcctgggc	aacacagtga	gtgagaccct	gctctattta	agaaaaatna	600
ttaagaaatt	tattaaaaaa	gaagaatcag	gaaaccaagt	ncaacccaac	ttaacctcaa	660
tgaaccagcc	cctaacacag	atgangggat	ttgggactga	taagctctgt	gctgngtcca	720
tggcccgctca	nttatcaagg	ttgcactttt	aaatgnngta	tttttatgn		769

<210> 2637

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 2637

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ccaagcctcg	gcctccactg	cacctgctgc	ggagtggcac	ctttgcctgc	aaggcccttc	120
taccccatgg	cccaatgtca	tcttaacaag	gtctttggcc	acttcaagaa	ggccttgtgg	180
tgggttgctc	aatctggcct	tcccttcatg	aaaaactact	gnttatgtcc	acagaccaag	240
aaggaaactgt	cacgtgggta	ccacaagtct	gacttgggct	atcaacagcc	agaaaaacta	300
gaggaatctt	atagattcca	gaactcagga	tacctcaagg	ataggtcaca	agcaagagta	360
caaaggaatc	ttcagtactg	aacaaaacag	aacccttcat	gatttgacaa	aggtcacttt	420
ctggttgcct	ggaccaagct	actccagatc	atctgaccaa	ctcttaaaaa	tcacgggcag	480
gcacantggc	tcatgcctgt	aatccagcac	tttgggaagc	anaagtggca	ggatcattnc	540
agcccangag	ttcaagacca	gctgggcaac	acagtgagtg	agaccctgtc	tctattttaag	600
aaaaaattat	taagaaattt	tattaaaaaa	gaagaatcag	gaaaccaagt	ncaacccaac	660
ttaacctaaa	tgaaccaacc	cctacacaga	tgangggatt	tgggactgat	aactctgggc	720
tgggtccatg	gcccgtcatt	atcaagggtg	aactttgtaa	aggggctttt	tttatgt	777

<210> 2638

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 2638

taananatnc	agctaattgt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgagg	60
ccaagcctcg	gcctccactg	cacctgctgc	ggagtggcac	ctttgcctgc	aaggcccttc	120
taccccatgg	cccaatgtca	tcttaacaag	gtctttggcc	acttcaagaa	ggccttgtgg	180

<211> 717
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(717)
<223> n = A,T,C or G

<400> 2634
aatcagcctg ntctttttgca ggatccctcg attcgcttga gcccaggagt tcaagtccaa 60
cttgggcaac atgacaagac ccttgtctct ttaaaaaagc aactcaaacc atgtcttgaa 120
aagctatttta atgggtcagac acgatggctc acgcctgtaa tcccagcact ttgggaggcc 180
gaggcaggcg gatcacttga ggtcaggagt tcaagaccag cctggccaac atggcaaaac 240
ccagtctcta ctgaatgaaa atacaaaaat tagctggcct agcagttggt ggtggcagggt 300
gcctgtagtc ccagctactt gggaggctga ggcaggagaa tcgcttgaat ttgggaggcg 360
gaggttacag tgaacccaca tggcgccact gcactccagc ttgggtgata gagtgaact 420
ctatctcaaa aaaaaaaaaa aaaaaactcg agcctctaga actatagtga gtcgtattac 480
gtagatccag acatgataag atacattgat gagtttggac aaaccacaac tagaatgcag 540
tgaaaaaaat gctttatttg gtgaaatttg tgatgctatt gctttatttg taaccattat 600
aagctgcant aaacaagtta acaaccanca attgcattca ttttatgttt caaggttcaa 660
gggggaagggt tttgggaagg tttttttaat tcgcgggncc gcggcgccna tgcattg 717

<210> 2635
<211> 769
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(769)
<223> n = A,T,C or G

<400> 2635
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tccactgcac ctgctgcgga gtgggcacct ttgcctgcaa ggccttttnc ccantgncca 120
atggtanttt aaccagggtt tttgncnntt aaggaggcct tngtgggtggg tngttaatct 180
ggcctnttcn tattgaaaag ctctgttat tgtccacaga ccagaaggac ttgtaacctt 240
ggtcccacag tctgacttng gcttttcaag caccagaaa acttagaggg aatcttatag 300
attccagaac ttaaggatac ctcaagggat agggtcacag ccaagaagtn caaaggaatc 360
ttcagtctgg aacaaaaaca gaacccttct atgattgaca aangtcactt tctgtttgcc 420
tggaccaagc tactncagat catctgacca actcttaaaa atcacggcca ggcacagtgg 480
ctcatgcctg taatcccagc actttgggaa gcaaaagtgg caggatcatt ncagcccaag 540
agttcaagac cagcctgggc aacacagtga gtgagaccct gctctattta agaaaaatna 600
ttaagaaatt tattaataaaa gaagaatcag gaaaccaagt ncaacccaac ttaacctcaa 660
tgaaccagcc cctaacacag atgangggat ttgggactga taagctctgt gctgngtcca 720
tggcccgtca nttatcaagg ttgcactttt aaatgnggta tttttatgn 769

<210> 2636
<211> 769
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(769)

tatgttctat	ttatatgaca	ttcttgaaat	gacactactt	agggatggat	aatagattag	600
tggttgccag	gagttgggt	agtgggaagg	gtttactaca	atggantggc	ataagggaaa	660
ttatttgggg	tggtgaaact	cttaattggg	ggntacataa	ttctatgcat	ttggcaaaat	720
tcattggagct	gcacacccaa	aagagtgaat	ttnttcc			757

<210> 2632
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 2632						
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gatcccatcg	attcgctaaa	gccggctatg	ggaagccatg	tcatacttgg	ctaccttcct	120
atgttccttc	tcacagcaaa	actcttggac	tgatcatttg	aagtcacccc	tctgtgtcct	180
cttgtgaaat	ggcttgggcg	tctctgggct	ctgacttgct	catctgggaa	gagatggggt	240
agagggagtt	ggattataaa	tcattgcttca	ctcagtcaac	agaatgctac	tcaggcacta	300
aaaatgatgg	cgtagcccta	cgtattctga	catgggaaga	tggccacaat	atcttattat	360
gtggaaaaaa	ctagttgcat	aggatttatg	gtttgattac	attttagtaa	aataaattca	420
tttatgggtg	tatatgcaa	gaaaaaataa	tgccgggctg	agtggctcac	gctgtaatc	480
ccagcacttt	gggaggctga	ggcaggtgga	tcacttgagg	ccaggagggt	gagaccagcc	540
tggccaacat	ggtaaaaccc	catttccatt	aaaaatacaa	aaattagcac	caagccgtgg	600
tggcacgtgc	ctgtagtccc	agctactcan	gangcttaan	atgggaaaac	ttgcnttgaa	660
cctggaaagg	tgggaagggtt	gcggtgaagc	ccaagaatca	cgccanttgg	acttncggcc	720
tgggcttaca	agcccanact	tttgcttnaa	aaaaaaaaaa	a		761

<210> 2633
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 2633						
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ggtagccgga	tcgagctggg	agatgtgaca	ccacacaata	ttaaagcagtt	tnaaagattg	120
aatcaggtca	tctttccagt	cagctacaat	gacaagtcta	caaggatgtg	ctggagggtg	180
gcgagctagc	aaaacttgcc	tatttcaatg	atattgctgt	aggtgcagta	tgctgtaggg	240
tggtatcattc	acagaatcag	aagagacttt	acatcatgac	actaggatgt	ctggcacctt	300
acccgaaggc	taggaatagg	aactaaaatg	ttaaatacatg	tcttaaacat	ctgtgaaaaa	360
gatgggtcttt	tgacaacatt	tatctgcatg	tccagatcag	caatgagtcg	gcaattgact	420
tctacaggaa	gtttggcttt	gagattattg	agacaaagaa	gaactactat	aagaggatag	480
acccgcagat	gctcatgtgc	tgcaaaaaa	cctcaaagtt	ccttctggca	gaatgcagat	540
gtgcaaaaga	cagacactga	caaattacaa	atgaactttc	ttgcacttgc	ttgtcgccca	600
ataaaagaga	ngcccattga	ttcttcccca	ccccaaaaaa	aaaaaaaaann	nnnnnnnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	annnnnnccc	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	764

<210> 2634

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cccgggttgt	caaactatgg	cctgtggggc	aaatccagcc	acagtcgggt	ctttaaagtt	300
ttatcgaaac	acaagcaatg	gaaatgccc	ttccattgt	tgtctccagt	tgctctgctc	360
cgagggcagt	gttaagttgt	gcagcagagg	ccccccatg	caaagctgaa	tatgtttact	420
at ttgaaactt	tttcagaagt	tctgcttaag	gacaaaaata	agcctaaatc	caagaacact	480
tttaaaaatg	aggaaatagt	gaacacaata	gacggaagtc	tggaagtttc	tacccatgcc	540
aagaaaagca	ttttatgttt	ggtcacatat	gttggtgcaat	tcaaattttt	ttccctatat	600
tctctgacta	gacacttgta	ctgagtcaat	tggcgagtgt	gtctgtctaa	aagcccaatt	660
tcaaaatatt	actttaaagg	catctttaca	tagtgggggt	taagaaaaaa	gttggttattc	720
agcaana						727

<210> 2630

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(731)

<223> n = A,T,C or G

<400> 2630

ggnggnngtn	nttcnaatgc	naggetactt	gttctttttg	caggatccca	tcgattcget	60
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agcttggtgt	gcccggtaac	catggtcctc	ttgctctgat	taacccttcc	ttcaatgggc	180
ttcttcaccc	agacaccaag	gtatgagatg	gccctgccaa	gtgtcggcct	ctcctgttaa	240
acaaaaacat	tctaaagcca	ttgttcttgc	ttcatggaca	agaggcagcc	ggagagagtg	300
ccagggtgcc	ctggctctgag	ctggcatccc	catgtcttct	gtgtccgagg	gcagcatggt	360
ttctcgtgca	gtgctcaaga	cacagcctgc	cctagtccta	ccagctcaca	gcagcacctg	420
ctctccttgg	cagctatggc	catgacaacc	ccagagaagc	agcttcaggg	accgagtcag	480
attctgtttt	ggctacatgc	ctctgccggg	tgccgggtatt	gaggcaccca	aggagctgnt	540
actggcgtgg	aaataggtga	tgctgctacc	tctgctgggt	nactcacaag	ccacacttga	600
tacacgatga	caccctgctt	ggttgggaaa	catnttaaac	atctagttna	tgacttgcag	660
gctgntggct	accagtttcc	tgtcttgaag	gggtaatatg	gttaactttc	gggancaggt	720
tggaatgtnn	g					731

<210> 2631

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 2631

ggtgttatan	nnnnnnnttt	tcaaaganac	agctcttggt	cttttttgag	gatcccatcg	60
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cggacttatt	ctttgaatag	ttgggtattaa	ggttttctttt	gtaaaataag	aggtggtagt	180
at tttttcaat	gcccttaatt	aacaaaatta	aaagtttgaa	aaccatatgt	tgattctccc	240
tcatttttaa	aaattttgta	attccactgg	tcacaaaaaa	tcccaattga	ggagagctct	300
gggaagagca	cattctgtca	atgggtctca	acattttgggt	ctcaggacca	ctttacattc	360
ttatttagga	aatgacctaa	atgtctttca	actagtgaac	gaataaactg	gtacatctgt	420
gtaatggaat	actacttcac	aatcaaaagg	aatgtactat	tgatacacac	agctacatgg	480
gtgaagctca	aatgtattat	gctgaatgaa	agaagccaga	ctcaaaaagc	tgcttactgn	540

<223> n = A,T,C or G

<400> 2627

ggngngnnnnn nttctnaata gcnaggctac ttgttctttt tgcaggatcc catcgattcg	60
aattcggcac gagcagaagc acaggcaagg atcaatgccc ggcttcagca gtatcgtgcc	120
aaagcagaac tagctcgatc taccagaccc caggcctggg ttccaagga aaaattgccc	180
agaccactca ccagcagtgc ttcagctatt cgtaaaactta tgcggaaagc agaactcatg	240
gggatcagta cagatatctt tccagtggac aattcagata ctagtcttag tgtggatgga	300
aggagaaaac ataagcaacc agctctcact gcagattttg tgaattatta ttttgagaga	360
aatatgcgca tgattcāaat tcaggaaaat atggctgaac aaaagaatat aaaagataaa	420
ttagagaatg aacaagaaaa gcttcatgta gaatataata agctatgtga atctttagaa	480
gaactacaaa acctgaatgg aaaacttcga agtgaaggac aaggaatatg ggctttacta	540
ggcagaatca cagggcagct ttgaagatgc tttatgtgaa aagaatgtgt gtggcttgga	600
tcctaaagaa tgttttaaaa ggtgagaatt agtancgcc tntgggagga tcagcctttg	660
gtcctgttaa tagaagttga atatnccggc aattttgcga gcccccaagg nggagaaaac	720
caagttaa	728

<210> 2628

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (731)

<223> n = A,T,C or G

<400> 2628

gnngngncett naaatencng gctacttggt ctttttgcag gatcccatcg attcgaattc	60
ggcacgagga ggattagcca tgctggggtc tcttggacaa aaggctggta ctgattgaaa	120
aattccctga gtatgtctag aagtgtcagg ctctcttgga atcagttaca gtgggattgg	180
ctgcttaggt ataatcttta taagattaaa aattatagat tatttggcag cttgtttgaa	240
agtgttggtc ccaagaaaaa gttctgctgt gtgttatggc agaattatta aaaaaaatac	300
attcttaagt tgaggtttct aagtaggctt ttgtaaaaac aggcaattac ttgctggagg	360
cagttaattg catgcacaga tgggtacttg tgttacaat tctcatttg cacttgtgat	420
tacctatttg caataattca tgaaacctag ggaattctta ggtacaagga aaggttttag	480
gcatttaaaa aacgtatcac taccatcaga ggagatggag aaaacaaaga gctaagtata	540
aagccttatt ccaaatgcta agttcagaga atattttctg aagctcgcgg ttgttgaagg	600
taagagggtt acttaagcta ttggttccat ggactctntt cactttnaaa aaaaaaannn	660
nnnnnnnaaa aaaaacntng agccnttan aacttntngn ggagtentat ttcctgnnaa	720
tccnnaacnt g	731

<210> 2629

<211> 727

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (727)

<223> n = A,T,C or G

<400> 2629

gngtgnnnntt tttagatata ngctacttgt tctttttgca ggatcccatc gattcgaatt	60
cggcacgagg gggtatccct tgagaccacc ttgggaccag tgcttgcaag cagcgagata	120
tttccccagc aaaaccaggc agctgctaata taaatgctta gaaccaatga aagctggctg	180

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(746)
<223> n = A,T,C or G

<400> 2625
gngggggnnn ntttttnnaag ggcgcgcntnt tctaattnnna gctctcttttt tgcaggatcc 60
catcgattcg gaaaatggta tcttttcagat ttctagaagt tcaagtgtca tacaacaaaa 120
caggaacccc ctttactctt atggacctca tttcaatata ctgtttacag tttgatggaa 180
ttgtataatt taatatctt cttgtactgt agtttatatt tatttacaga tttttttgta 240
ctgtgtgatt tgaacttttt gtcccttgct atgatcaatg tttatgtagt agagcactta 300
tgatcacaaa ttaagttttt tggtttgatt gcactacatt aaatttttta atgcagttct 360
gatttttgac tggactaaaa ctgtgtctta atgtatgtga tgagtactta aaattttaat 420
ccatgtggtc ccccccttt ttttttttgc attgtatgnn aaaagcgctt ggtctttcgt 480
gcattgtgtan tatntaatgg taccattgnt ntagttgacc atgacatttt tgganaaaca 540
ttncagctgn nangttgngt atggngctc actggatgct anactttttt aaatncnaat 600
tnntntaaat aanannnnnt tnngaantan tnnntntntn nnnncncnnn nnancnntnn 660
nnccnttnnn nnttntnnnn nngaactnnt nncnnnttcc ctgntttann nntnnnnntnn 720
atngcnnttt ntacnccnct tnntcc 746

<210> 2626
<211> 728
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(728)
<223> n = A,T,C or G

<400> 2626
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cggcacgagg ctgggagtat aggctgagtt aggaagattg cttgagcccg gaaggcagaa 120
gttgagtgat gcccaagatc cgccactgca ctcccaactg gacgacaaag cgagatactg 180
ggagtataagg cattcgccac cctgggcaac atagcaagac cctgtgtcta caaaaaattt 240
aaaaaaaaatt agcctgtagc cctagctatg caggaggtgg aggtgggaga attgcttgaa 300
cccaggagtt tgaggttaca gcgagctgtg atagcaccac tgcactccag cctggggccac 360
agagcaagat cgtacctctt aaaaaaaaaa agaaaaaacac aagcaaccaa aaaaaaaaaa 420
nnnnnnnnnn nnanaaaaaa aaaaaactcg agcctntaga actatagtga gtcgtattac 480
gtagatccag acatgataag atncattgat gagtttggac aaaccacact agaatgcagt 540
gaaaaaaatg ctttattttgt gaaatttgng atgctattgc tttatttgta accattntaa 600
gctgcaataa acaagttaac aacaccaatt gcattcattt tatgtttcag gttcangggg 660
gagggttttg aaggtttttt aattcncggg ccgcgggggc aatgcattgg gcccggtacc 720
caattttt 728

<210> 2627
<211> 728
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(728)

ctataccaaa ttgaggatgt tgagttatgg tactaatgta tgcaacttta attttgttta	660
acactatctg ncaaaattaa actttattcc ctataacttt aaaatgngta tatatatatt	720
aatagtttat ttatgtacag gttnaattct actgggtttt ggcng	765

<210> 2623
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 2623	
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aagtagtcaa aatataaata aaagttcttc aaaagtaacc caggagcaac agctgagcag	180
tgccagagtt gtgaggtaaa catcaatcat ttcacaaatg ttctgacttg ttgagcagt	240
ttcatttcca ggtttcaaac ttaaagtatc tattaagcaa tcttaaaaga aagaacaccg	300
ccttaggaaa aaagagattt gccaaactct tcataacttc ttcaataact gcttagcaaa	360
cactcttgag tgtcttctat gggcaatggt ctgtatccat agggatacag agatgaatga	420
acatgaactt ggaaaaaatt attatacaac acaaagtagg aaaacggtgc acaaagcata	480
aagaaattag cggagggagg gattgtttga tggaaggtct tagggagtag gtgggatttg	540
aatttgggtc ttggatgggt aaagtaaggt agggcagcag ggtgggcggc aaaaagtggg	600
aggttacagt aagtagaatg gtcaatagcc tattttgact gaagtaaggg ttaaggcttg	660
ttgggagcct gatgatagat ggggatgctg taaactcact gggatgtttt ncaaaagaga	720
accctttaa aactgcgttnn aggagcn	747

<210> 2624
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 2624	
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ttcggcacga gagagcgagt ctctctttgt tgcttaggtt tgccttgaaa tcctgggttc	120
aagcaatcct cctcctcag cctcccaaaa tgctgggatt acaggtgtga gccaccacac	180
ctggcctcta ctttcttata tttccttaaa tagatttcct ttcttttttgg attaagaaaa	240
aataaacaga aaattaaaaat ttgaacatat tataaaaatg aaagataatt gtaaaatctt	300
ggtttgaga gtgtctctct gagccagaa atcatccaga aaaatggaca gatttgactg	360
catcacattt aaaaacttta caatgatgaa aaatacaagt gaagctattc atacaataga	420
ttaggacca gtatttttaa catgtattat agacaaaaaa ttaccatcca aaatatagaa	480
ttgtacaaaa attttaaaaa catggttaaa aaatgggcat agggatataa cccggataat	540
tcacaggang gaaaaaaaat ncaaatggcc caataaacca tgaaaanggt gggtggtaag	600
gctgggggtg aagggtgggt tcaacttcta ttanttttcc aaccactttt ggggaaagcc	660
caaggga aaaaggattgn actttgggga tcanggttc gaancctttt agaactttt	720
ggtggagtcc gnanttancg tnngatccc gaccttgat aaggatccca ttgg	774

<210> 2625
 <211> 746

ggggaaaggt	atcgaaggat	gacgcagtg	atgtggagag	cagctcagag	gaagaagatg	360
tgaccacctg	cacaaaaagt	ccctgtgaca	gtagctccag	caatgggtgcc	aatcgggtga	420
atggtcacat	gggaggcagc	tactgggctg	aagagtaagg	tggttgctat	agggacttca	480
gcacacatgg	acttgtagg	ccactggcaa	catactcctc	ttggcccttc	ccatatctac	540
tcttctgtga	ttgggagact	gcaaggcact	gangagtatc	aaagaagcaa	atatttttcac	600
tttgaaagaa	aactgccatt	ttgtatttaa	aaaaaaaaaa	aaaaaaaaaac	tcgagcctnt	660
aaactatagt	gagtcgatta	cgtagatcca	gacatgataa	gatncattga	tgagtttgac	720
aaaccacact	agaatgcatg	gaaaaaatgc				750

<210> 2621

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(791)

<223> n = A,T,C or G

<400> 2621

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atcccatcga	ttcgaattcg	gcacgagggg	actacagctg	tgtaccacca	caccggcctc	120
tcttggtctn	ttaaccactt	acattanaat	tgagaggana	aaggcagttg	acaggggntg	180
tanrnaatna	ctngaacnca	ttcanngagg	antttntnc	ntggccntna	tnagtncnnc	240
tattcatcna	ntntaatgnt	gancnntacn	nttgntncaa	agccntnnca	atcntaaacg	300
ncatncttan	atangtatnn	tctactgcn	gcatngagca	gntcatnaca	tcagatacag	360
attctcagca	tggaaaacaa	agctnggata	ctgtgtcant	gctgctctgt	ggcaaagaac	420
acctnccttt	ntaagnnaca	gcctcactct	actagaatan	gtcngagcgc	gcccattcat	480
ggctgattgc	aacttcact	ggctgggatac	cagatctaga	atntgtgttc	agatgcctta	540
cntaggaata	catnctaaca	cattcttaac	aggtttcaag	gggagatant	tnngcatagn	600
acgtagttaa	tgcttnagtt	atatgtgtct	gcatctgntt	ttganggtaa	acggcttaac	660
ccnttantta	gggtngttta	nagaattgat	gngtaaataa	cnttgatgna	aaagtttcan	720
atggacnttt	nnantttgcc	ttnaanngtg	gatatnggtc	tattgcccna	ngggntaatn	780
nnghaatanc	g					791

<210> 2622

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 2622

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attcgaattc	ggcacgagga	aaaaggaaag	atggatatgg	aagaaattat	tcagagaatt	120
gaaaacgttg	tcctagatgc	aaactgcagt	agagatgtaa	aacagatgct	cttgaagctt	180
gtagaactcc	gggtcaagtaa	ctggggcaga	gtccatgcaa	cttcaacata	tagagaagca	240
acaccagaaa	atgatcctaa	ctactttatg	aatgaaccaa	cattttatac	atctgatggg	300
gttcctttca	ctgcagctga	tccagattac	caagagaaat	accaagaatt	acttgaaaga	360
gaggactttt	ttccagatta	tgaagaaaat	ggaacagatt	tatccggggc	tggtgatcca	420
tacttggatg	atattgatga	tgagatggac	ccanagatag	aagaagctta	tgaaaagttt	480
tgtttggaat	cagagcgtaa	gcgaaaacag	taaagttaaa	tttcagcata	tcagttttat	540
aaagcagttt	angtatgggtg	atttagcaga	acacaagaag	agcaagaaaa	tgtgtcacat	600

<400> 2618

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attcgaattc ggcacgagga gaactccaaa tagcccaaga ggggtggtgca cccccaactt      120
cataggggta gaggctcctg agattaggag aacccttttt aggcctttact ctatgtacct      180
cttcatttga gtgttcattt gcgtccttta taaccagtaa aacaaagtac gctgttttct      240
tgagttttgt gagccctgta gcaaattatc aaacctgagt agggcagtggt gaactcggaa      300
tttatcacca ttcagaactg cagggttgcc ttgtgagtgg catctgatgt gggggaagtc      360
ttggactgag ccccttaact tgtggagtct gcactaattt agactgcact aactaacttg      420
cactgcacta acttggaactg cactaacttg tggagtctgc actaacttgga agaagttagt      480
gtcagaattg aattatagaa caccagttg ttcagaattg aattgtagaa caccgaattg      540
gtgtgggaga attagagaat ttatttgtgt cagaaaatac tccagaacaa ccaccccata      600
ttatgattag ctcttttcct ttctttggct ctgagcttaa ttgtacatta agcaaaactta      660
agtagaaaag aaactgaata tgttaaatat attaacaaca tatttggtgact tgcttaactt      720
aagattatng agatgatcag ttataaaacc ccc                                     753

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<210> 2619

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 2619

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attcgaattc ggcacgagat gcagtgtaac tggcaggagg ggagtgagaa ctacttgggt      120
agatgatcag gagatactct gcaagaggaa acatacagaa ggagcctgac atgagaaaac      180
tggggcagca gttttccagg aagagggacc agcacaggctc caagttgaaa ctccagaatgg      240
aatttttagga aatttatattc ttcatgatgg ttagatcctg tgggctatca tcaactgcagt      300
tcaacaatgt ggtgcctagt aggaagagtt ctcccaggaa ccctccacgt gtgctatggg      360
atttctgaga aaaccagttc tgagttctag gcagtggact cacagttgaa cttggaggga      420
accaagaatt gttcccatca tagccttact aagaaatgac catggcatgg cctgagtgtc      480
tcggcatgga ngaccagaan gggaagccct aatttgccag ttgcagactc ttgagccttg      540
tgactctaag gacgacnaaa attaggagat tttctaggac tcacgtttgc gattttgaga      600
gtagtgtctg tgggggttctt ggtttggggt ctattgattg tttcattggt tctgtgtgca      660
agttaaccct ttctaagctt aattttaatt aatattatat taagtgaggt aattagatta      720
tatgaaccct aangcttctt tttattctta accctta                                     757

```

<210> 2620

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 2620

```

nggaggtatt nnnnnnnntt tncnantagn nngctcttgt tctttttgca ggatcccatc      60
gattcgaatt cggcacgagg ctctgtgaca ccctttttgt gatcttcagt gctgttttta      120
tggttacacg actaggaatc tatccattct ggattctgaa cacgaccctc tttgagagtt      180
gggagataat cgggccttat gttcatggt ggctcctcaa tggcctgctg ctgaccctac      240
agcttctgca tgtcatctgg tcctacctaa ttgcacggat tgctttgaaa gccttgatca      300

```


<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(722)

<223> n = A,T,C or G

<400> 2616

```

gngggggnnt tctaattnnna ggctacttgt tcttttttgca ggatcccatc gattcgaatt      60
cggcacgagg gtaagtaacc tgtgcagagc acagaactag gattcagacc tacagaccca      120
caagtcagcc tctaaggccc acttataact gctcttctgc ttgcaaggcc ctatggatga      180
aatccagtta taacctcctt ttgtataaac tagacacaga gggaggcggt tctccctaatt      240
ctgtatttat ccagacaagc tgtccagcaa gatttctgag tgagggcggt taaggaagca      300
atctgcgggt gtgtagcctt ttctccctca gcaaatacag aaggagctta tagcccgggc      360
tcaccctgct tcagaacaag ggccaacatc tgtccatacc cctgttatag tgagatggga      420
aaccttgtag atgttggcac tgtgtggctc ttttctttta tatactgggc tttagggtca      480
atcccatтта accaaagggt tcaatagcta taaaaaggcg ttgaaattgt atggttattt      540
gagttatagc tcagtaaagg cattaaatct tcagcctaga tgaccctatt ccttcccact      600
ctaaccagct gtgactncag atggagacat tgnccctgcat cctctacgtn cccatnccca      660
catnccancc agaacaat gtgtgaagtt tcataccaac aagaatgggg gggtaggaat      720
ca
ca

```

<210> 2617

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 2617

```

gnnagnnnnn nnnnnngnnng ntttnnaaga ncagctactt gttctttttg caggatccca      60
tcgattcgaa ttccggcacga gggaaccccc accattaagc taaagtaaaa cccttttgag      120
ggaagaggga gactggggag aagggaagag agagaaggca gggagagtag ggagagaaaa      180
ccttccagca gccagtaaaa ctgcgggcca agagatctac ccgtctccct ccctcccaca      240
gttaccattg gccttgtcat cgcaagcatt tgacaaagac ttgcttgtct tgggcctgtc      300
acctcctgaa aggctgcttt agctgtggat gcccttgatt aaggagagaga gcgcctagga      360
gctgctgcc ccagctgggg tgacggctgt agggctgggt ctatgttgca agccctatat      420
cctagcatgc agtggaaagt gcttagctct ctccctcctg acctctgggc agccagtcatt      480
caaagcagag agacgtggcg gcatgtgggc agcatgcccc gggttccttg tgactcagca      540
cttatttctg tagttttaaa aaagaattta atgttttttg ttgtattttt ttgggggggt      600
gaggggtggg aaaaacatgg gggtagttct gagttgttag aaatgtttct tgaatcaaag      660
tttgtttgaa gacacctgtg cctttgtacc cattataaga tggtcattaa gaccaagaa      720
actgataact ttggnntttt tt

```

<210> 2618

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

aaaaggatng tagaacgcn gantggcatt ttantggtga atgggccttt gcaggaacac 720
t 721

<210> 2614
<211> 741
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(741)
<223> n = A,T,C or G

<400> 2614
ggngttttat agcngctctt gttctttttg caggatccct cgattcgaat tcggcacgag 60
cctaggcttt accctcaata ctgcttctgg cnngnccaan cngtctntnt ccngtggctc 120
tgngtgatgt gactngtccct cttctccaag gcagtattac tcataaattc ttcttttagcg 180
gtactgatct atctgtgtca tcgctcagtc aaccacatat attaagacct aggcacagaa 240
caattctatt tctataaaat tctagaaaat gcaaactaaa ccataatgac aaaaagaata 300
ttagtggggt tcctagggat gggatgtggg caaagagaga cgaaagaagg agggattacc 360
aaggagcaca gggaaagtgc gggatggagg gatatgctca ttgtcttgac tgggtgatgg 420
tttacagggtg ggccaaacta atcaaacttt acacttcac tatatgacca gctatcatat 480
gtcaattata cctcaataaa gctgttttaa aacattttaag ggtatatcta ctggaaagta 540
aaactgcttt taattacnag actgnatcat catgtgcata gaaaaaatcc aaanggattc 600
ttccaaaaaa agctactaag aaccactggc cttcatcgag atgccaggtn caaagggtta 660
atattggaaa atcaactatt atttcctatt tcaaaagcca accanaanaa naaannnnann 720
nnnnnnnnnn nnnnnnnnnn n 741

<210> 2615
<211> 753
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(753)
<223> n = A,T,C or G

<400> 2615
gnttggnnnn nntttttnnn ancgcntttt tatanatata ngctacttgt tctttttgca 60
ggatcccatc gattcgaatt cggcacgagg gggcccccac gcaaactcaa attccctgag 120
cctcaagagg tgggtggaaga gttgaagaag tacctgtcgt agggagattt gggtagaagc 180
cctcatgctg agcttttgtt ccctgggtgat gttggaacat taatgatgga acatggccaa 240
acttcagtca tgatcctgaa accatggcct caggatcatg actgaagtca tggtttcttc 300
cctgccagaa atgaagggtc agttatgagg caaccctcta gtaaggcatt gtaaaagtta 360
ctggatttg ttttaataaaa gttgaaataa agtanaaaaa aaaaaaaaaa aaaactcgag 420
cctctagaac tatagtgagt cgtattacgt agatccagac atgataagat acattgatga 480
gtttggacaa accacaacta gaatgcagtg aaaaaaatgc tttatttgtg aaatttgtga 540
tgctattgct ttatttghtaa ccattataaa gctgcaataa acaagttaac aacacaattg 600
cattcatttt atgtttcaag gttcaagggg gangtgtggg anggttttn aattcgccgg 660
gcncngcngc caatgccntt gggcccggn nccagcttt tggttccttt aatganggggt 720
taaagcccc cttnggcgta atcatgggna ata 753

<210> 2616
<211> 722
<212> DNA

actatgctct	cgtatatatg	cagacaatct	angcctgttt	tncataccag	acncaggaag	420
aagcccgttg	ttataatgca	tcatatatac	attacactct	nnagtttctt	ggnagtcacc	480
tactgcagtc	atttcaaggg	agnctnatgg	gtaaaggenn	ataaaggaaa	ngangaggaa	540
aantantcnc	ctantannng	gaaaattgag	tcnangctga	caggtggnat	angaaaantt	600
ttncnaggcc	tttggggaang	tcaccgggaa	aaccgtgggt	ngatttncag	aatttccana	660
atttccggaa	tttcangaat	gaaccgattt	ttaaaattcc	agtnngntgn	aaaatgggtt	720
ttgncncgga	aaaaatttan	nttcccnttt	taaatccgna	atttttcaaa	antgntnttn	780
cccaaggggn	cattttnaaa	taaccnttnc	tcaan			815

<210> 2612

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 2612

gngggnnnnn	nnttttnnan	ngcgtntata	gcnggctctt	gttctttttg	caggatccca	60
tcgattcgaa	ttcggcacga	ggccagcttg	acctgggtgt	gggcccgttg	ggcgagaatg	120
aagctncact	gtgaggtgga	ggtgatcagc	cggcacttgc	ccgccttggg	gcttaggaac	180
cggggcaagg	gcgtccgagc	cgtgttgagc	ctctgtcagc	agacttccag	gagtcagccg	240
ccggtccgag	ccttcctgct	catctccacc	ctgaaggaca	agcgcgggac	ccgctatgag	300
gtgcgtgaag	tgggcaggcc	ctgtcagctc	cgcgttcttc	ttggaagccg	agacgcgggc	360
caccctcggt	cctcatgctc	ccggctgctc	cctaggcgaa	agcccgcctt	gggggttccct	420
gaactcccag	ccttgagacc	taccatcagc	ccgaccccan	ggctcctgtg	gtcttccctac	480
ggaccgaaa	gaagaaagct	ttgagagtgt	accttttctc	tatttttccct	cccactttta	540
cgactttgaa	tttacagtgt	tgctatttag	tagtggatgg	caatcccgcg	tgtttcaagt	600
ttctgaaatt	ttgcgtgaaa	caagcgcaaa	tgaagcaact	tgctccagtg	gggaacagta	660
aaataactgc	agttcttggt	caatgaaaaa	aaaaaaaaaa	aaactcgagc	ctntagaact	720
atagtgagtc	gtattacgta	na				742

<210> 2613

<211> 721

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(721)

<223> n = A,T,C or G

<400> 2613

gngcgtcta	tggtgctctn	gttcttttgc	aggatcccat	cgattcgetg	gatccagtc	60
aggccagagc	ctcctctgca	gagaagggtac	taggtgccca	tgacacagggt	gactgccagc	120
ctcgtggagt	gggggcagtg	gtgtccctgc	gggcgggctt	ggtcttctga	ggccatgtca	180
gtgccacccc	agggccgccc	tccatggcag	tgtggggcca	acaagcctgt	cttcccattt	240
ttctgagaga	ggctggaaat	cctgttcttt	ttatatataa	agtgtttcct	tttcaaaata	300
ttggcaacta	agtaaatcca	aacaaagtat	gggcaaatc	atggcacact	cctgccccac	360
aggtggccct	ccagctaaga	gtcatgttta	caattttaga	ggtttgggtg	gctccagtg	420
gaccacgcct	gggggtggag	tggtctgtgg	tgaaccgtgt	ctccactccc	acacctcgcc	480
actgagaaga	cagagcacgg	gatcgtgaca	gccgagctcc	accgccttca	ctagtactg	540
tggcctgcag	gggctgncag	cctctgattc	aagagccagt	gggcccgcga	ggacacactn	600
ccttccctcc	ctgcctgggg	tcctgtgcnt	ttgagctgaa	actgttctng	gccttttctg	660

<400> 2609

```

ggcagctctc taatgcnnge tacttggttct ttttgcagga tcccatcgat tcgaattcgg      60
cacgagcaaa gtactgggat tacaggcatg agtcactgag ccagacctaa taaagaactt      120
tctgacagtg aaaatggtct gtgcatggtg tgggtggggt gagggtgagg ccgggcgtgg      180
atggagcagc agggaggttg tagacaatgt ccagacatca gagagagggc tgggctctga      240
tcctgtgcca ccctgaaagg ctttgatcct atggtttggt cagaaacaga gcctgtaaaa      300
cccatgtatg cagctgttgc taagggcaac cacaagatgc tcaaaggacc ttaaagatgt      360
agatgcagtt agttacctga agaagtgaag gtagaagtga agtcttttct aaaagaaaaa      420
ccacagacac aatggcaatc tggggagaaa gagagcctgg gattgggaga agatatccag      480
gcatttagct ctctcttccc cccatattta gtgtgacata tttattgtga ctttataaat      540
tcttttttta attttaattt ttattttaat gtttgtgggt atgcagtagg tgtatatatt      600
tatgggacac atgagatatt ttggtacagc aggtgtttat cttgaccgac gtcttgnctc      660
tactgcctgt ccgntctta acatccttct ctttctactc cccttaccce gtntt          715

```

<210> 2610

<211> 723

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(723)

<223> n = A,T,C or G

<400> 2610

```

gcggnntnn ttctaattgcn ggctcttggt ctttttgcag gatcccatcg attcgaattc      60
ggcacgagat taaatatagtc tgtctttaag agtagctctg agattttttt ctggtaaatc      120
actatttaac ctctctgatt tgttttagtt ttctcatcta taaaattgaa atgataaaat      180
gaaggttaaa ttagaaaatg tagaaaatgc ctagaacaga gtcttgcata tggttggtac      240
taaagtgttt tgttcccat ggatagtatc ttctcttaaa gatcctttga aagggtctta      300
aagtgaacct tgtaggatgg taatttttgt tcattttaat ttttttagta agttttgatt      360
gagatccttg atttcattta gaaaatttct gctaagcaag aagcagtgga aaaattacag      420
gaaaagctgt ctagacttga ctacatagaa attataaatg tttgcatatc acattgtcaa      480
aaaacaaaat taaaagatat tgacatgaaa atatttgtat gtgggcagaa aaaagttaa      540
tattcttaat attaattgagc tcttagaaat cttaaaaata attaaacatt tgatagaata      600
atgaacaaag gacatgaata ggtggttcat aaaagaaata taaatagcta ataagcatat      660
gaaaatggtg tttagcctag gataatcaaa gaaactcaaa tccatctttt ggttgga      720
ttg          723

```

<210> 2611

<211> 815

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(815)

<223> n = A,T,C or G

<400> 2611

```

ggggactctg ttctnacagc tacttggttct ttaggancca atccangagn aatnngnccc      60
gancncagnc cnnaatnctn ttttccgcnc ctgggtncnt cacttctnng cggaanagac      120
agnnattttc nnggntncat tcntatgaaa ncanggnntg gnntgaaaat gtcttnccag      180
ntncaacagg cnatnaacac atgcctaaaa gatcntgtaa ggggtttcag nacacgacga      240
gtcctctagc gctttgtgtt cacaccttta ctccatgatc cgtggaaacc ggccaacaca      300
gacgagcctt ncttattnct nntactcagc ctctttgatg acacancaga ancagacgtg      360

```

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (740)

<223> n = A,T,C or G

<400> 2607

```

aggggnnnnn nttntnagg gcagntttnt nnatacangc tacttggtct ttttgcagga      60
tcccatcgat tcgaattcgg cagcaggctg tttgtgcaa taccttgaaa actttgaaac      120
ttgaccccg acaggcctgg tgccaggctc tttccgactt ttgtgttttc tttccacctt      180
tcactactga ctttgcctct ttcctaccag gaatggacag ggccgatgga ggtgaagcgg      240
acagcagctg cactgcctcg tagagattcc caggccctgc ccacttcaaa gcacacaagc      300
ccacctcttc ctcatcacat ttccctttgc aaccagggga ggcaactcacc aggatgctgc      360
caagaaggaa acattttatt aacatgtttc tttgtttccg atgcacttaa aacacttggg      420
cctcttgacc aagtctagtt ttaggacttc aaaggggctg tgaaagccac attttgatga      480
ctttggtgta aaatgagtag ggcataatcg gatttaattt ccttgaaaag ttgcacagac      540
ttaaaaatta gcagaatagg ctagcagaat angccggatg ccgtggctca tatctgtaat      600
ccagcacttt gggangccga ggcangcgga tcacctaagg caacagttnc anaccaagcc      660
tggccaacat ggtgaaaccc cctcttacta aagatngaaa aaattaanct gggccgttgt      720
ggtgcaacct gtaatcttac

```

<210> 2608

<211> 718

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (718)

<223> n = A,T,C or G

<400> 2608

```

gcggnnnntc ttcanatgnc ngctcttggt cttntngcag gatcccatcg attcgaattc      60
ggcacgagtt cattttttaa aagcttctcc ttattatggt gttgtttaac aacttaaacg      120
ctatctctag accaggaata attatttgct atatattaca gcaaaaaata tgtatgtata      180
aatggactca ttcaaaatat ataaagaact cctattacaa agaaattgac aaacagccca      240
gtatatcaat gaataataaa atttgagaag atattttcca taagaagata tctaaatgaa      300
cattagggat gagaaaacca aatttttagga tatcactaca cacctggcat agtttaaaag      360
actgaaaata ttaagtgtgt gggaatgtag agcaactgga aatggcctac atctttcata      420
gaaatgtaaa acaatacaaa tactttgcaa aactctgtcc aacattttct acccattcac      480
caagcaactc catccctagc tatagatacc caggaaaata agtatgtatc ttcacagaaa      540
taattgnatg agaataattca tagttcttat gcacagtagt tatcaagtaa acctgtctnc      600
catcagaaaa atggatatca aatggggtga taatcatnca atcaatagga tattacttgg      660
ccaaaccaa tgaaacaagg gaaaaccaca tcaaccaa atagtgcntn ttncccc      718

```

<210> 2609

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (715)

<223> n = A,T,C or G

attataccta tttnaaaancc ttctnccaac ttcttttantn nnnngcacctt tctttctentt 780
 ataatcccan cnannncng 799

<210> 2605
 <211> 729
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(729)
 <223> n = A,T,C or G

<400> 2605
 ggggggtntct aatgcnggct acttggttctt ttgacaggat cccatcgatt cgccgtcttc 60
 gccaaaggccc cgcccgagcc tagttgttct cccctgaat gtgtagaacc ttcctttgaa 120
 atttcttaat cgggtgcattg aggtttccac atctttttcc aagcagtgcc ccacttcatg 180
 gatttatagc tatagtctat gcagtcgtta cctctttttt tttttttaag aaaattgaag 240
 attgggggtgg tggaggcagt agggagatgg gattggggcac ctcccccggtg ctgggggcctg 300
 gatttttgta aataaatttc ccaagcggtt ctttccacct ggaggggaaag gggggggacgc 360
 ccccgatgag attcaaatca cgcactctcta ctctctgctg tgagtgcgtg tgtacatgtg 420
 cactccccac cctgctccct tcccagaggg attgctgtga aatttttttg gtggcaaata 480
 aagataaatt tcattctgtt caaaaaaaaaa anaaaaaaaaa actcgagcct ctagaactat 540
 agtgagtcgg tattacgtag atccagacat gataagatca ttgatgaagt ttggacaaac 600
 cacaactaga atgcagtga aaaaatgctt tatttgngaa aattggggat gctattgctt 660
 taatttgnaa cccttnnag ctggaattaa ccaagttanc accaaccaat tgcnttcatt 720
 tttatggtt 729

<210> 2606
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 2606
 nnnagnngng gnnantnnnn nnnttttgna aagncgttgc tacttgttct ttatgcagga 60
 tcccatcgat tcgaattcgg cagcagggtg aacaaaaatg gccagattc ttattcagaa 120
 accaattcac attttaaaaa tatatactgt acactacccc atctcttcc taatagctaa 180
 agtgatctac cctaaaacac caagcagtc ttcttacagt ttgttccctc ctgacagttc 240
 attgattaca atgtgaaagc accaacctga gctaaaatga aatgagaagc ctgatgtttc 300
 aggcaccaag tacttttaaaa atgtctactg gctgtcctgc agcattttac ttaatcattt 360
 tttagaggag ggatgaggac tgggtgggta aaggaaatca tcaaatggag ccttaaataa 420
 ctgattacaa aagctttttg taaaatcaca caaatatttc aagaataaat gcattccaga 480
 gatataaatc aggcacaaag aaacaaaaat caatgaaatt ggcattacac ttgtaaaagg 540
 ccaaatggac acaagccctc gagcctctag aactatagt agtcgtatta cgtagatcca 600
 gacatgataa gatacattga tgagtttggg caaaccacaa ctagaatgca gtggaaaaaa 660
 atgctttatt tgtgaaattg tgatgctatt gctttatttg gaccattata agctgcaata 720
 aacaagggtta acaacaccaa tggcttcatt tatgtttcag gnt 763

<210> 2607
 <211> 740
 <212> DNA

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gtgaatatga gaagttactt cattcagaaa attatgtgac aaaaagacag tcaactgaagc 420
ttctcgggtga actactacta gatagacaca acttcacaat tatgacaaaa tacatcagta 480
aacctgagaa cctcaaatta atgatgaacc tgctgcgaga caaaagtcgc aacatccagt 540
ttgaggcctt tcacgttttt aagggtgtttg tagccaatcc taacaagacg cagcccatcc 600
tagacatcct cctcaagaac caggccaaac tcatagagtt cctcagcaag tttcagaacg 660
acaggacgga ggatgagcag tttaaccgac gagaagacct atttagttaa acagatcagg 720
gn 722

```

<210> 2603

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 2603

```

ggnggggtttc taatagnnng ctacttggtc tttntgcagg atcccatcga ttcgaattcg 60
gcacgagaac cagagctggg cccaggccag gaaacaggca ccaattcccg aggaaggtcg 120
cctagcccca ttgggggtggg gtcagagatg tgcagggagg aagggggaga gggcacgcca 180
gtgaagcagg acttatctgc tccccctggc tacaccctca ctgagaacgt ggcccggatc 240
ctcaacaaga agctgctgga acatgcctta aaggaggaga ggaggcaggc tgcccacggg 300
cccccggttc tccacagtga cagccactcg ctgggggaca cagccgagcc agggcccattg 360
gaggaactac cttgttctgc actagctcca tccctagagc cctgcttctt caggcccag 420
agaccagcaa acccgtcgcc ctctgctccc ttgggccccca cattccccca ctgcttacag 480
gcttagtcac cccggagacc cgacgttctt gganganat ggtggcnaag agcccgcgcc 540
aggagcanc caccggagat gcaaacttgc attggattat cacaagtnta aattcacttg 600
gaattttgca ttaaccccn cccnttacc ttgnaacaaa aatttttgnc caacagggag 660
gaanatctta ntttttttca anggncaaaa naaatgtttt ttnnaaaaac cccaaaanct 720
tgnttnaaat gttnaaacct tgggaaaact tgggaatttt t 761

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<210> 2604

<211> 799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(799)

<223> n = A,T,C or G

<400> 2604

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gaaggggatc angagggnna ttntncatgg tgttcctgcn natangtatt tctttnnctc 180
nctnatctct ctnagtcatn nctcagtcaa ccacatatat taagacctat gcacagaaca 240
attctattcc tataaaattc tataaaatgc anactanncc ataatgacaa aaanaatat 300
actggtttcc tagggatggn atgtnnngcaa agagagacga cagatgnang nattaccaat 360
gagcacagng ganacttntg natgcangga tatgctcatt gtccttgact gctgatggtt 420
tnacnagggtg ggcccaaac tatntcaaac ttttcacttc atctatatga ccantgtca 480
tatgccaat atacctcaat taatcctgat taaanncatt tanngntatc tctactngta 540
aantttaaaa ccncttttta cnttaccn cnctgtantca ntcagtngc cnttctnaa 600
aaacttccca anngtatttc tancnataaa nnaggctttc tnnntaaccn anttnnacct 660
tccnttngnn natnctnnnn naccttattt cttaattctt ctgaaanaat tcaacntant 720

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<400> 2600

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ggcngntnta tgnagctctt gttcttttgc aggatccctc gattcgcaaa gccactttga      60
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agctgggttt gtcaacaaca aaatactgat ggaagacaga aatagtgttt taggagaaac      180
atttaataata aattcaaacc ttgttccaat gagaaaaata cctgataaat atgacttatg      240
tataatgaac gtgaattata tttcagaatt aattgttagt aatagaaact ctttgggaag      300
gaagcttgat gagctcagtg cacatgcgaa attgctcctt catatgacat gagcatcctt      360
atgccagaga gaaacatttt gagtgtgata gaaatgagaa agccatctgt tagaatgagg      420
acttatttca gcatcaggat attcaaactc tgaagcaaat ttttgaatac cttgagtgtg      480
ggaaagcttt tcatgaggag gcagccttca gtaccataa gagagtgtgc ttcttgggag      540
aaacctgtg aatataatga acaacttaag agccttttct gacaatncaa accttcttgg      600
tcatcagagt actcacagaa gggaaaatca ctacgagttt aattgctggt gggangaagt      660
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<210> 2601

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 2601

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aaagaaatat tcctctgctg ttcttcaaaa acattactgg atttatggtt ggtagagagt      180
atgaagctga aggaattgcc aaggatggtg ccaagatggt ggccgctgtg gcctgtgccc      240
aagtgcctaa gataaccctc atcattgggg gctcctatgg agccggaaac tatgggatgt      300
gtggcagagc gtatagccca agatttctct acatttggcc aaatgctcgt atctcagtga      360
tgggaggaga gcaggcagcc aatgtgttgg ccacgataac aaaggaccaa agagcccggg      420
aaggaaagca gttctccagt gctgatgaag cggctttaaa agagcccatc attaagaagt      480
ttgaagagga aggaaacctt tactattcca gcgcaagggt atgggatgat gggatcattg      540
atccagcaga caccagactg gtottgggtc tcagntttag tgcagnctc aacgcaccan      600
taganaaaga ctgactttcg gnatcttcag gatgtaactg ggaataaaaag gatgttttct      660
gttgacatg tactggaaaa ttaacacatg tngtagcctt aaaaatttta gacttnttct      720
aacatgangn ttg              733

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<210> 2602

<211> 722

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(722)

<223> n = A,T,C or G

<400> 2602

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cgagaactcc tactgttgaa tacatctgca cccaacagaa tattttgttc atgttattga      120
aagggtatga atctccagaa atagctctaa attgtggaat aatgttaaga gaatgcacat      180
gacatgaacc acttgcaaaa atcattttgt ggtcggaaca gttttatgat ttcttcagat      240
atgtcgaaat gtcaacattt gacatagctt cagatgcatt tgccacattc aaggatttac      300
ttacaagaca taaattgctc agtcagaat ttttggaaac gcattatgat agatttttca      360

```